

भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 16]

नई दिल्ली, शनिवार, अप्रैल 17, 1993 (चैत्र 27, 1915)

No. 16]

NEW DELHI, SATURDAY, APRIL 17, 1993 (CHAITRA 27, 1915)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 17th April 1993

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor,
Lower Parel (West), Bombay-400 013.

The States of Gujarat, Maharashtra and Madhya Pradesh and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC"

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order payable to the Controller at the appropriate Offices or by bank draft or cheque, to payable to the Controller drawn on a scheduled bank of the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 17 अप्रैल 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा चम्बर, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोली स्टेट,
तीसरा तल, सोबर परले (पश्चिम),
मद्रास-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, वमन तथा
दीव एवं दादरा और नगर हवेली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
मरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, वालाभाह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिन्निकाय तथा एमिनिदिव द्वीप।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भुगतान अथवा डाक आदेश या अहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक डाफ्ट अथवा बैंक द्वारा की जा सकती है।

REGISTRATION AS A PATENT AGENT

The following persons have been registered as a Patent Agent under the provision (1)(c)(i) of Section 126 of the Patents Act, 1970.

- (1) P. K. Chakraborty,
C/o. M/s. T. P. Datta & Sons,
Commerce House,
2, Ganesh Chandra Avenue,
Calcutta-700 013.
- (2) K. S. Valdyanathan,
152, Thambu Chetty Street
Madras-600 001.

THE PATENT OFFICE

Calcutta, the 17th April 1993

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent parentheses are the dates claimed under section 135, of the patents Act, 1970.

11th March 1993

144/Cal/93 Santosh Kumar Banerjee. Combustion chamber for internal combustion engine.

145/Cal/93 Metallgesellschaft Aktiengesellschaft. Process for a selective flotation of copper-lead-zinc sulfide ores.

146/Cal/93 Chang Fu-chuan. A Shock-absorption wall structure and method of formation. (Convention No. 9206120.9 dated 20-3-1992; U.K.).

147/Cal/93 Techlok Limited. Seal Ring And Joint. (Convention No. 9205404.8 dated 12-03-92 in U.K.; convention No. 9224993.7 dated 30-11-92 in U.K.).

148/Cal/93 Hoechst Mitsubishi Kasei Co. Ltd. Process for producing a monoazodye.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदन में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदन एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र की उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टांकित अथवा फांटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 132 D.

172131

Int. Cl.⁴ : B29B 7/58.

Title : MIXERS FOR PLASTICS AND RUBBER MATERIAL.

Applicant : FARREL LIMITED, FORMERLY KNOWN AS FARREL BRIDGE LIMITED, A BRITISH COMPANY, OF QUEENSWAY, CASTLETON, P.O. BOX 27, ROCHDALE, LANCASHIRE, ENGLAND.

Inventors : HENRY ELLWOOD & NEIL HINDLE.

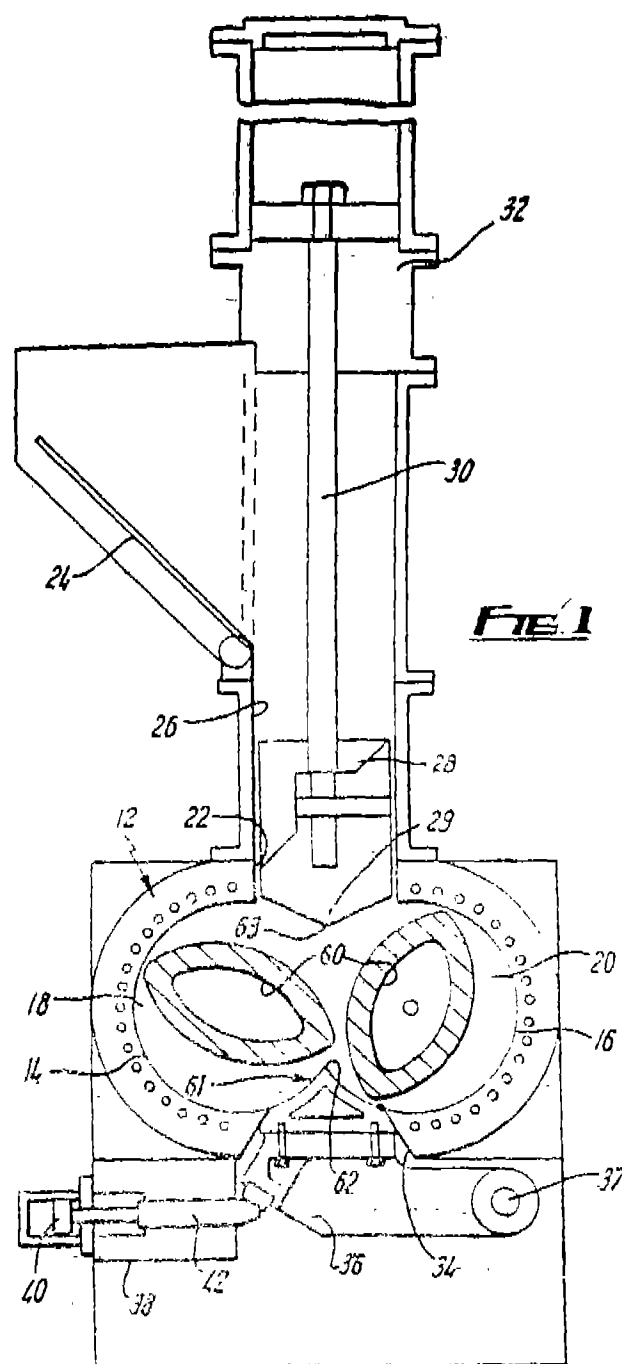
Application for Patent No. 867/DEL/87 filed on 01 Oct. 1987.

Convention date 01 Oct. 1986/8623601/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(6 Claims)

A mixer for plastics and rubber material comprising a housing (10), a pair of mixing rotors (18, 20) which engage together and are disposed in the housing, each rotor having a blade of left hand (LH) helical form and a blade of right hand (RH) helical form, characterised by each blade starting from one end face (52, 53, 54, 55) of the relevant rotor and terminating short of the other end face of that rotor, a gap being provided between adjacent blades of the two rotors and means for driving the rotors at equal speeds whereby material fed to the rotors (18, 20) away from their end faces (52, 53, 54, 55).



(Complete specification 14 pages.

Drawing sheets 6)

Ind. Cl. : 70 B.
Int. Cl.⁴ : B01J 19/00.

172132

Title : A METHOD OF MANUFACTURING A FILTER PRESS TYPE STRUCTURE.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC., A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK LONDON SW1P 3JF, ENGLAND.

Inventor : PAUL EDWARD ANTHONY BURGESS.

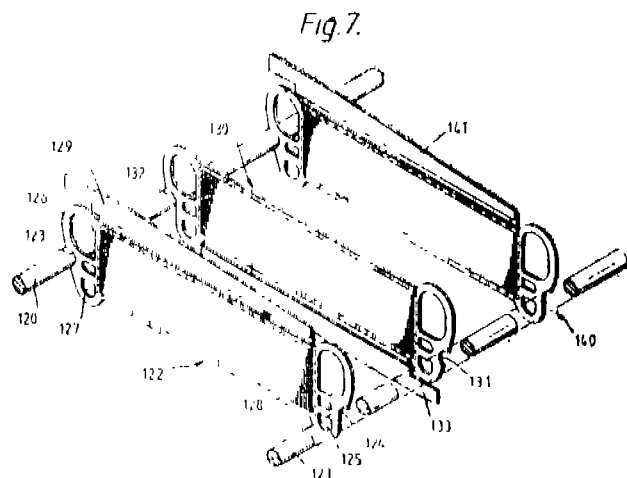
Application for Patent No. 913/DEL/87 filed on 19 Oct. 1987.

Convention date 30 Oct. 1986/8626010/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(14 Claims)

A method of manufacturing a filter press type structure in which the structure comprises a pair of support rods, in which at least some of the component parts of the filter type structure have a pair of jaws are placed on the support rods, and in the method the filter press type structure being manufactured by placing the jaws of the component parts onto the support rods, one of the jaws of a pair thereof associated with a component part being shaped so that it may be placed onto a support rod only when the component part is at an angle to the plane between the support rods, the method comprising placing the said jaw of the said component part onto one of the support rods and thereafter rotating the component part about the said support rod and then placing other jaw of the said component onto the other support rod, the component parts of the filter press structure are placed onto the support structure in an alternating sequence by placing a jaw of a first component part onto a first support rod then placing the other jaw of the first component part onto the second support rod, and thereafter placing a jaw of an adjacent component part onto a second support rod and then placing the other jaw of the second component part onto the first support rod.



(Complete specification 37 pages.

Drawing sheets 7)

Ind. Cl. : 32 F₁ IX (1).
Int. Cl. : C 01 B 7/00.

172133

Title : CATALYTIC PROCESS FOR THE MANUFACTURE OF AN ACID FLUORIDE.

Applicant : SOCIETE CHIMIQUE DES CHARBONNAGES S.A., TOUR AUREOLE-PLACE DES REFLETS, F-92080 PARIS LA DEFENSE-CEDEX 5, FRANCE, A FRENCH COMPANY.

Inventors : DELAVARENNE SERGE,
FAUCONET MICHEL,
SIMON MICHEL,
SOMMER JEAN.

Application for Patent No. 941/DEL/87 filed on 28th October, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(10 Claims)

Catalytic process for the manufacture of an acid fluoride selected from isobutyryl fluoride methyl-2 butyryl fluoride and pivaloyl fluoride from carbon monoxide and an aliphatic hydrocarbon stream comprising principally an alkane having 3 to 4 carbon atoms in the presence of a superacidic catalyst system, which comprises the following series of steps :

- introducing at least one fluid chosen from carbon monoxide and the said hydrocarbon stream into a reactor in the presence of a superacidic catalyst system comprising hydrogen fluoride and antimony penta fluoride and at least one compound selected from bromine iodine, bromides and iodides,
- introducing into the reactor the other remaining fluid selected from carbon monoxide and the said hydrocarbon stream, under conditions which are suitable to permit the formation, principally, of a complex consisting of the alkyloxocarbonium cation and the anion SbF₆,
- treating and converting the said complex into acid fluoride by the method a method as herein described, and
- separating from the reaction mixture the acid fluoride by known methods.

(Complete specification 24 pages.

Drawing sheet Nil)

Ind. Cl. : 155 D.

172134

Int. Cl.⁴ : B 32 B 31/00, C 08 J 5/12.

Title : A PROCESS FOR THE PREPARATION OF A LAMINATE.

Applicant : KENRICH PETROCHEMICALS INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, ONE OF THE UNITED STATES OF AMERICA, LOCATED AT 140 EAST 22ND STREET, BAYONNE, NEW JERSEY 07002, U.S.A.

Inventors : GERALD SUGERMAN & SALVATORE J. MONTE.

Application for Patent No. 972/DEL/87 filed on 13-11-1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(7 Claims)

A process for the preparation of a laminate which comprises bonding in any known manner, a halocarbon such as herein described to a substrate of the kind such as herein described, characterised in that prior to said bonding, the substrate, the halocarbon or both are treated with an organo-zirconate compound such as herein defined, said zirconate compound having appendant therefrom a phosphato, a pyrophosphato, an amino or a sulfonyl group.

(Complete specification 20 pages.

Drawing sheet one)

Ind. Cl. : 32 F₂(v) & 55 E₄.

172135

Int. Cl.⁴ : C07D 319/04.

Title : AN IMPROVED PROCESS FOR THE PREPARATION OF 4-PHENYL-5-DICHLOROACETAMIDO-1, 3-DIOXANE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : BRAJA GOPAL HAZRA, VANDANA SUDHIR PORE, SHAILAJA PRAMOD MAYBHATE & MANDAKINI VISHVANATH NATEKAR.

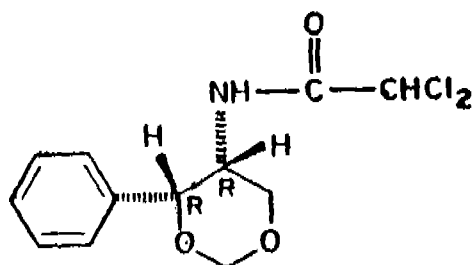
Application for Patent No. 1053/DEL/87 filed on 08 Dec. 1987.

Complete Specification left on 24 Feb. 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

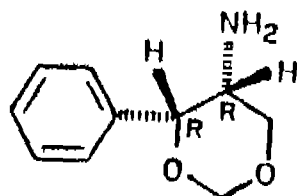
(3 Claims)

An improved process for the preparation of 4-phenyl-5-dichloroacetamide, 1, 3-dioxane of the formula (2) of the drawings



which comprises reacting 4-phenyl-5-amino-1, 3-dioxane of the formula (1)

(1)



with dichloroacetene prepared *in-situ* by simultaneous addition of dichloroacetyl chloride and triethylamine, in a chlorinated solvent under stirring and keeping temperature below 10°C.

(Provisional specification 4 pages;

Drawing sheet 1)

(Complete specification 8 pages).

Ind. Cl. : 9 D.

172136

Int. Cl.⁴ : C 22 C 38/44.

A METHOD OF MAKING A DUPLEX STAINLESS STEEL.

Applicant : ESCO CORPORATION, OF 2141 NW 25TH AVENUE PORTLAND, OR 97210 USA, AN OREGON CORPORATION.

Inventor : ROBIN KERRY CHURCHILL.

Application for Patent No. 1102/DEL/87 filed on 18th December, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(2 Claims)

A method of making a duplex stainless steel having austenite pools in a ferrite matrix to provide the desired combination of yield strength and toughness which comprises :

(a) producing in any known manner a melt of material having a composition within the following ranges :

Carbon	. . .	0.001 to	0.08 Wt. %
Manganese	. . .	0.001 to	2.00 Wt. %
Silicon	. . .	0.001 to	1.50 Wt. %
Chromium	. . .	20.00 to	27.50 Wt. %
Nickel	. . .	8.00 to	11.00 Wt. %
Molybdenum	. . .	3.00 to	4.50 Wt. %
Sulfur	. . .	0.0001 to	0.050 Wt. %
Phosphorus	. . .	0.0001 to	0.050 Wt. %
Nitrogen	. . .	0.10 to	0.30 Wt. %
Iron	. . .	Balance	

Said composition being balanced such that:

$$3.50 \leq \left\{ \frac{\text{Creq}}{\text{Nieq}} \right\} \leq 4.00$$

where Creq = 1.5 (%Cr + %Si + %Mo)

Nieq = %Ni + 0.3 (%Mn) + %Cu + 22 (%C) + 5 %N;

(b) solution treating said material in cast or wrought form by heating it to a temperature between 2050°F. and 2350°F.; and

(c) rapidly cooling the heated material.

(Complete specification 22 pages.

Drawing sheet four)

Ind. Cl. : 205 K.

172137

Int. Cl.⁴ : B60C 9/18.

HEAVY DUTY PNEUMATIC TIRE.

Applicant : THE GOODYEAR TIRE & RUBBER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, WITH OFFICES AT 1144 EAST MARKET STREET, AKRON, OHIO 44316, UNITED STATES OF AMERICA.

Inventors : MARK LEONARD BONKO & LORAN CLYDE LOPP.

Application for patent No. 1116/DEL/87 filed on 22 Dec. 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(8 Claims)

A heavy duty pneumatic tire which comprises a radial ply carcass and a belt structure extending circumferentially about the axis of rotation of the tire and a tread portion extending circumferentially around said carcass and belt structure, characterised in that said tread comprises :

(i) two sets of traction lugs (15, 16), each lug (15) of said first set of traction lugs extending from a first lateral edge (TE₁) of said tread portion in a direction towards the mid-circumferential plane (M-M) of the tire to an axially inner end (27) of said lug (15), the major axis (21) of each lug (15) being disposed in general at an angle of from 45° to 60° with respect to said plane (M-M) and the axially inner end (27) of said lug (15) being spaced away from said first lateral edge (TE₁) by an axial distance equivalent to

35% to 45% of the tread width (TW), each lug (15) of said first set being provided with a leading edge (30) and a trailing edge (31), said leading and trailing edges (30, 31) being connected to each other by one or more connecting edges (33, 34, 35) located at said axially inner end (27) of said lug (15), each lug (16) of said second set of traction lugs being similar to the lugs (15) of the first set but laterally inverted with respect thereto, with each lug (16) extending from a second lateral edge (TE₂) of said tread, each lug (16) of the second set being offset circumferentially with respect to the next adjacent pair of lugs (15) of the first set; and

(ii) a plurality of block elements (17) disposed in a central portion (CP) of said tread with each block element (17) circumferentially aligned with one of said connecting edges (33, 34 or 35) of a traction lug (15, 16) at the axially inner end (27) thereof, each block element (17) being composed of a peripheral wall or walls (18, 19) extending down to a base portion (20) of said tread and a substantially convex upper surface (41), the height of said wall or walls (18, 19) measured radially varying by not more than 25% around the periphery of said block element (17), the major axis of each block element (17) being disposed at an angle of from 45° to 60° with respect to the mid-circumferential plane (M-M) of the tire and from 80% to 90% of the axial extent of each block element (17) being disposed on one side of said mid-circumferential plane (M-M) and the remainder of the axial extent of said block element (17) being disposed on the other side of said mid-circumferential plane (M-M).

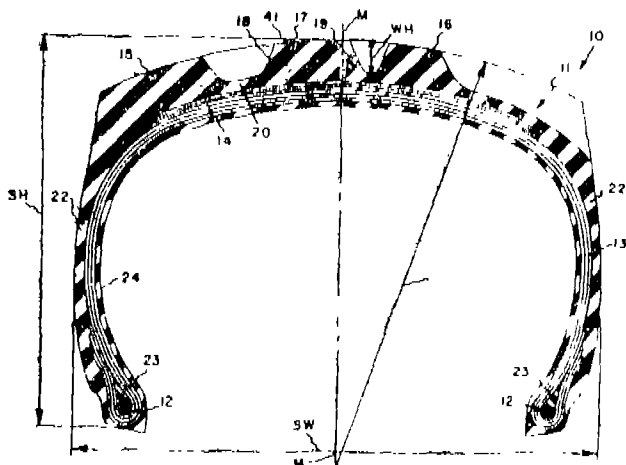


FIG 3

(Complete specification 20 pages.

Drawing sheets 8)

Ind. Cl. : 32 B.

172138

Int. Cl.⁴ : C 07 C 43/03.

A PROCESS FOR THE PREPARATION OF 1-[1, 5-DIMETHYL-5-(SUBSTITUTED)-HEXYL]-4-METHYLBENZENES FROM ZINGIBERENE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110 001 INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : AMBUJAM NIRMALA MENON & JANASWAMY MADHUSUDANA RAO.

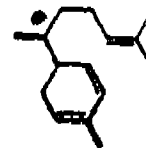
Application for Patent No. 923/DEL/87 filed on 21st October, 1987.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

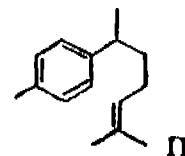
(6 Claims)

A process for the preparation of [1-(1, 5-dimethyl-5-(Substituted)-hexyl)-4-methylbenzenes of the general formula IV :—

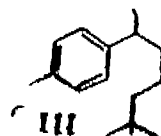
wherein R represents H, CH₃, COH and COCH₃ which comprises reacting zingiberene of the formula I :—



of the drawing accompanying this specification with 2, 3-dichloro 5, 6-dicyano 1, 4-benzoquinone in dry benzene at reflux temperature to obtain arcurcumene of the formula II :—



converting arcurcumene to 1-(1, 5-dimethyl-5-chlorohexyl)-4-methyl benzene (tertiary chloride) of the formula III :—



by bubbling anhydrous HCl gas, reacting the resulting tertiary chloride of the formula III with ROH where R has the meaning given above in the presence of zinc oxide.

(Complete specification 7 pages;

Drawing sheet One)

Ind. Cl. : 72 C.

172139

Int. Cl.⁴ : C 06 B 25/00.

METHOD FOR THE PRODUCTION OF HNS II.

Applicant : NOBEL KEMI AB OF S-691 85 KARLSKOGA, SWEDEN, A JOINT-STOCK COMPANY ORGANISED UNDER THE LAWS OF SWEDEN.

Inventor : ANTHONY BELLAMY.

Application for Patent No. 1147/DEL/87 filed on 29th Dec. 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(6 Claims)

A method for the production of HNS II said method comprising recrystallising HNS I of the kind such as herein described under conventional process parameters in the presence of N-methylpyrrolidone as the recrystallisation solvent, and subjecting the resulting recrystallised product to an ultrasonic treatment in a manner such as herein described.

(Complete specification 13 pages.

Drawing sheet one)

Ind. Cl. : 32 F 2 b.
55 E 4.

172140

Int. Cl. : C 07 J 43/00.

A PROCESS FOR THE PREPARATION OF 17 α -METHYL-4-OXO-5 α -ANDROSTANO (2, 3-d) PYRAZOL-17-OL.

Applicant : DHARAM PAUL JINDAL & MANGE RAM YADAV, BOTH OF THE DEPARTMENT OF PHARMACEUTICAL SCIENCES, PANJAB UNIVERSITY, CHANDIGARH-160 014, INDIA, BOTH INDIAN CITIZENS.

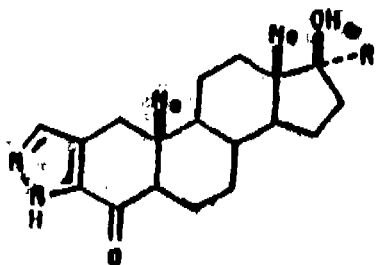
Inventors : DHARAM PAUL JINDAL & MANGE RAM YADAV.

Application for Patent No. 194/DEL/89 filed on 3rd March, 1989.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

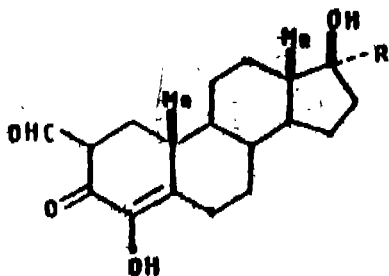
(1 Claim)

Process for the preparation of novel wherein R is H or CH₃, 17 α -methyl-4-oxo-5 α -androstano (2, 3-d) pyrazol-17-ol of the formula (3) :—



3

of the accompanying drawing, wherein R is H or CH₃, which comprises the treatment of 2-formyl-4, 17-dihydroxy-17 α -methyl-4-androsten-3-one of the formula (1) :—



1

of the accompanying drawings in which R is as defined above with hydrazine hydrate in an organic solvent (ethanol).

(Complete specification 3 pages; Drawing sheet one)

Ind. Cl. : 116A, Gr. [XLIX]

172141

Int. Cl. : B 65 G—23/22

AN APPARATUS FOR TRANSPORTING SEAT, CAR OR OTHER TRANSPORTATION MEANS BETWEEN LOWER AND UPPER STATIONS.

Applicant : KONRAD DOPPELMAYR & SOHN MASCHINENFABRIK GESELLSCHAFT m.b.H. & CO. KG. (AN AUSTRIAN COMPANY) AT A-6961 WOLFURT, AUSTRIA.

Inventors : 1. ERNST NIGG
2. ING. ELMAR B. FUCHS

Application No. 349/BOM/1989 Filed on 20th December, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13

(2 Claims)

An apparatus for transporting seat, car or other transportation means between lower and upper stations, comprises :

housings formed with each of the support columns provided at upper and lower stations, consisting;

cable return discs one each mounted rotatably on the said columns, have on their underside, a guide groove for carrying and hauling cable and at outer circumferential edge an upwardly projecting flange;

at least one group of electromagnets or permanent magnets is provided next to each other on the inside of the said upwardly projecting flange of the cable return discs;

disc shaped plates, one each mounted on the said support columns have on their outer circumference a plurality of annularly arranged electromagnets connected to a supply and control circuit through control lines;

guide or deflecting rollers provided with each one of said columns with the help of frames;

a cable entrained around the said guide groove and passing over the said guide or deflecting rollers, and

at least one seat coupled to the said cable.

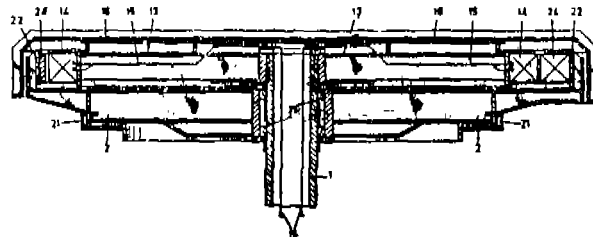


FIG-2

(Complete specification—7 pages

Drawings—2 sheets)

Ind. Cl. : 26, Gr. [XLIII(1)]

172142

Int. Cl. : A 46 B—3/04, 1/00.

A PLASTIC BROOM.

Applicant & Inventor : RAGHURAJ SINGH HADA 40, SETHINAGAR, UJJAIN (M.P.), INDIA, INDIAN.

Application No. 29/Bom/1990 with provisional specification filed on 12-2-1990.

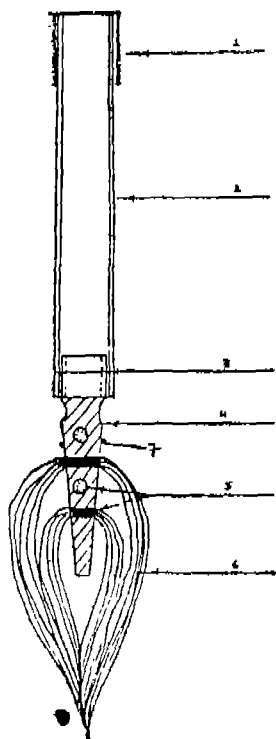
Complete after provisional specification left on 3-12-1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

(2 Claims)

A plastic broom comprising of a hollow circular plastic pipe having a plastic hand grip fixed at one end and a plastic tapered tige being fixed inside the other end with the help of a nail passing through the said pipe and the tige, a plurality of spaced apart holes provided along the remaining part of length of the said tige, preferably at regular interval, the axis of each alternate hole being kept perpendicular to one another, a bunch of plastic/nylon boughs inserted through

each of the said holes in the tige which being folded down wards and ties with the help of a wire ring.



(Provisional specification—2 pages Drawings—1 sheet)
(Complete specification—5 pages; Drawings—1 sheet)

Ind. Cl. : IA [XLII(1)]

172143

Int. Cl. : CO. J-3/14.

A METHOD FOR THE SYNTHESIS OF HIGH STRENGTH HOT MELT ADHESIVE FROM POLYESTER WASTE.

Applicant : THE DIRECTOR, THE SILK & ART SILK MILLS' RESEARCH ASSOCIATION, SASMIRA, SASMIRA MARG, WORLI, BOMBAY-400 025.

Inventors : 1. DR. N. B. NEVREKAR,
2. MR. N. S. SETH,
3. MR. P. S. GALVANKAR,
4. MR. A. Y. KHARADE.

Application No. 116/BOM/1990, filed on 14-5-1990.

Complete after Provisional left on 23-4-1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

(9 Claims)

A method for the synthesis of high strength hot melt adhesive towards metal like iron, aluminium etc. from polyester waste wherein;

(i) polyester waste is treated with ethylene glycol in presence of metal acetate as a catalyst as herein described at 100—300°C to yield bis (2-hydroxy ethyl) terephthalate which is esterified with aromatic dicarboxylic acid anhydride in presence of a metal acetate as catalyst as herein described under inert atmosphere at 100—300°C for 1—4 hours,

(ii) the above esterified product is further esterified and polycondensed with aliphatic dicarboxylic acid in presence of a polycondensation catalyst and stabilizer as herein described under reduced pressure for 1/2 to 5 hours.

(Prov. Specification 5 pages. Drawing Nil)
(Comp. Specification 13 Pages. Drawing Nil)

Ind. Cl. : 127 A & I Gr. [LXV (10)]

172144

Int. Cl. : 16 D — 27/02 B 60K — 25/06.

DIRECT DRIVE SYSTEM FOR AIRCONDITIONING OF LIGHT COMMERCIAL VEHICLES.

Applicants : VOLTAS LTD. A LIMITED LIABILITY COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956 HAVING ITS REGISTERED OFFICE AT 19, J.N. HEREDIA MARG, BELLARD ESTATE, BOMBAY 400 038, MAHARASHTRA, INDIA.

Inventor : DR. BOMI BATLIWALLA.

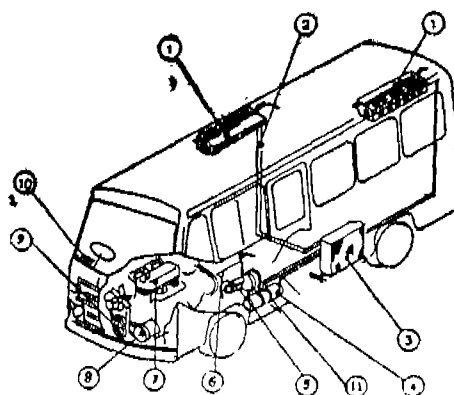
Application No 134/Bom/1990 filed on 21-5-1990.

Complete after provisional left on 21-10-1991 Post Dated to 21-7-1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

(5 Claims)

Direct drive system using power take off unit for Air Conditioning of Light Commercial Vehicles comprising a power take off unit fitted to the gearbox of the vehicle, to drive two compressors; an alternator provided in the front and driven directly through the engine pulley to provide power for the fans of the evaporator units, Condensor units to allow the pumped-in refrigerant to condense and flow into the cassettes housing the evaporators and to further have the airconditioning cycle repeated, characterised in that the said power take off unit is fitted directly on the vehicle synchromesh gear box to continuously drive the compressors even when the vehicle is moving, but the said power take off unit is disconnectible with the said compressors through an electrical control circuit actuated by the clutch pedal and pressing of the said clutch pedal for the shifting of gears of the vehicle eliminate the compressor load on the vehicle gear box while the Air Conditioning systems of the vehicle are simultaneously working.



(Provisional specification—6 pages; Drawing one sheet)

(Complete specification—13 pages; Drawing one sheet)

Ind. Cl. : 144 [XII(3)]

172145

Int. Cl. : Co9c —3/00, Co9/ —17/00.

STRUCTURAL AGGREGATE PIGMENT.

Applicants : INDUSTRIAL PROGRESS, INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF NEW JERSEY OF UNITED STATES OF AMERICA, AT 614, HIGHWAY NO. 130, P.O. BOX 968, EAST WINDSOR, NEW JERSEY 08520, UNITED STATES OF AMERICA.

Inventor ADAM FELIX KALISKI.

Application No. 186/BOM/1990 filed on 20-7-1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

(32 Claims)

1. Structural aggregate pigment composition comprising :

(a) Particulate matter and

(b) a complex functional microgel, in an amount of 0.5% to 10%, by weight particulate matter, as determined by ashing, wherein constituents of said microgel are :

(1) from 0.5 to 10 parts of a hydrosol formed of :

(i) at least one reagent selected from the group consisting of alkali-metal silicates and quaternary ammonium silicates; and

(ii) at least one reagent selected from the group consisting of alkali-metal aluminates and alkali-metal zincates, the ratio of the reagents of (i) to the reagents of (ii) being from 1 : 10 to 10 : 1, by weight; crosslinked by :

(Comp. Specn. 75 pages.

Drawings Nil)

Ind. Cl. : 136 E & F Gr. [XIII]

172146

Int. Cl. : B 29 C — 33/44.

Title : AN IMPROVED SIDE CORE FOR AUTOMATICALLY RELEASING THE MOULDED ARTICLE FROM THE MOULD.

Applicants : V.I.P. INDUSTRIES LTD. 78-A, MIDC ESTATE SATPUR, NASIK-422 007, MAHARASHTRA STATE, INDIA.

Inventor : BIRENDRA KUMAR SANYAL.

Application No. 196/Bom/1990 Filed on 31st July, 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

(1 Claim)

An improved side core for automatically releasing the moulded article from the mould consisting of a main body having a tapered shoulder integrally provided with the main body the fore portion of the said shoulder being provided with a curvilinear slope to form a projection or appendage, in the main body of the said side core.

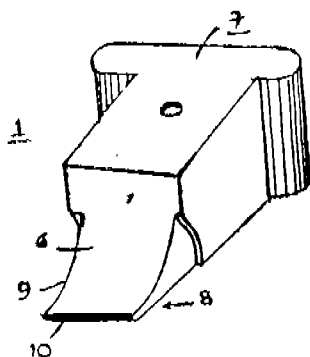


Fig. 5

(Complete specification—4 pages

Drawings—2 sheets)

Ind. Cl. : 127 I [LXV (1)]

172147

Int. Cl. : F 16 D — 3/68.

Title : AN IMPROVED UNIDIRECTIONAL POWER TRANSMITTING SHAFT COUPLING.

Applicant & Inventor : Hemant Madhukar Ranadive Hetkari Mahajan Wadi Ranade Road, Dadar, Bombay-400 028, Maharashtra, India; Indian National.

Application No. 254/Bom/1990. Filed on 27-9-1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

2—27 GI/93

(2 Claims)

An improved unidirectional power transmitting shaft coupling for suitably aligned shafts comprising a pair of shaft coupling members of which surfaces facing each other act provided with longitudinally extending lugs or jaw like projections which are shaped concave longitudinally on the power transmitting face so that there are left same number of concave gaps corresponding to the number of jaws, the said gaps being filled with independent balls or rollers of resilient compressible material made of plastic or reinforced artificial or natural rubber of suitable grades or even metallic balls characterised in that anti rattle independent tapered wedge type spacers are inserted in the flat gaps corresponding to the number of jaws to ensure silent working of the coupling as well as facilitate easy replacement of balls and spacers without lifting or shifting the driver or driven by simply unscrewing the screws of retaining cover and pushing it away.

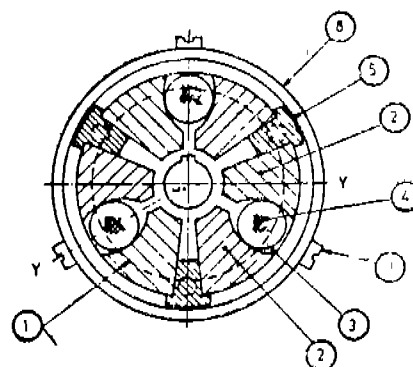


Fig. 1 Sec. X—X

(Complete specification—7 pages

Drawing—one sheet)

Ind. Cl. : 69 I Gr. [LIX (1)]

172148

nt. Cl. : H 01 H — 9/20, G 05 G — 5/08

Title : A COMPACT DEVICE FOR INTERLOCKING TWO ADJACENT MECHANICAL SWITCHING DEVICES SUCH AS CONTACTORS.

Applicants : IARSEN & TOUBRO LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT L & T HOUSE BALLARD ESTATE, BOMBAY-400 038, MAHARASHTRA, INDIA.

Inventors : 1. VENKATRAMAN SUNDARARAJAN
IYENGAR2. LAKSHMINARASIMHAN
CHARI MUKUNDAGIRI

VARADA-

Application No. 272/Bom/1990. Filed on 17th October, 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

(3 Claims)

A device for interlocking two adjacent mechanical switching devices such as contactors consisting of a housing of two piece construction provided with a pair of opposing windows one window being provided in one side thereof and the other window being provided in the other side thereof opposite to said one side and a pair of spaced apart projections on each of said sides of said housing remote from the respective window to mount said switching devices on said sides thereof, said device including interlocking means consisting of an outer slide member and an inner slide member disposed in said housing in the windows thereof and engaged to each other for guided laterally relatively slidable movement and spring biased apart, the outer portions of the said outer slide member and inner slide member protruding the respective windows and

the outer ends of said outer slide member and inner slide member being tapered from the top downwards thereof.

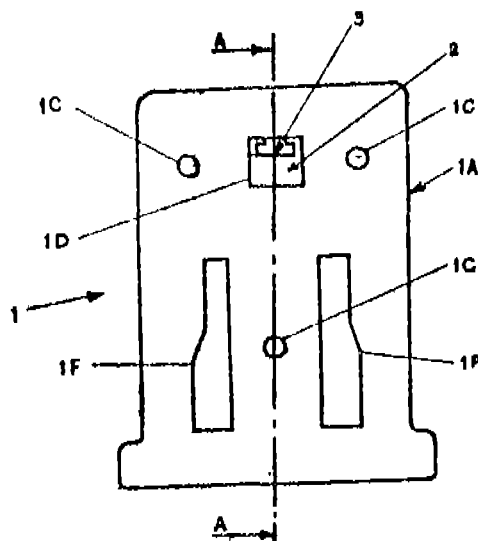


FIG. 1

(Complete specification—10 pages; Drawings—2 sheets)

Ind. Cl. : 15 C. D Gr. [LIV(1)]. 172149
86A, B, C Gr. [LXVI (4)]

Int. Cl. : B 60-B-33/00, 33/04, 33/08.

Title : AN IMPROVED CASTOR WHEEL.

Applicants & Inventor : HAREN MODY PROPRIETOR OF M/S. H. C. MODY ENTERPRISES, 202, RAM GOPAL INDUSTRIAL ESTATE, OPP. JAWAHAR TALKIES, DR. R. P. ROAD, MULUND (WEST), BOMBAY 400 080, MAHARASHTRA, INDIA.

Application No. 54/Bom/1991. Filed on 25-2-1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

(3 Claims)

An improved Castor wheel comprising of a housing (2) having an upper part (2A) and a lower part (2B), the said upper part consisting of a top plate (1) having a downwardly protruding circular portion (1A), the lower part of the circular portion being provided with a circular cavity (1B) with angular wall, forming top angular circular radial seat (10) for a plurality of steel balls (11), the top plate being provided with holes in the corners, the said lower part consisting of a forked portion (2C) at the bottom end and a circular stepped portion (2D) at the top end provided with an angular circular cage (7), forming bottom angular circular radial seat (9) for the steel balls (11), the said upper part and the said lower part being provided with a central hole (8) and being adjustably connected together with the help of a screw (8A) and a nut (8B) passing through the said central hole, a ball shaped wheel (3) having an axial hole provided with an inner race (4) held by an axle pin (5) tightly fitted at both the ends to the said forked portion of the lower part of the said housing; a plain cage (6) housing a plurality of steel balls (6A) being

provided on the said inner race at the two ends forming two ball bearings for smooth rotation of the wheel.

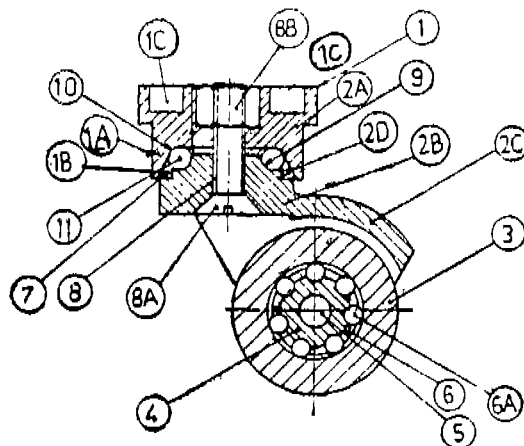


Fig. 1

(Com. Specn. 6 pages;

Drgs. two sheets)

Ind. Cl. : 55 D₁ [XIX(1)]

172150

Int. Cl. : A 61 N-65/00

Title : A PROCESS FOR THE PREPARATION OF NEEM OIL FATTY ACID DISTILLATION RESIDUE BASED PESTICIDE.

Applicants : GODREJ SOAPS LIMITED, PIROISHA-NAGAR, EASTERN EXPRESS HIGHWAY, VIKHROLI, BOMBAY 400 079, MAHARASHTRA, INDIA.

Inventors : (1) NADIR BURJOR GODREJ,
(2) DR. KEKI BAMANSHAW MISTRY &
(3) DR. BRAHMAN AND AMBASHANKAR VYAS.

Application No. 231/Bom/1991. Filed August 8, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

(8 Claims)

A process for the preparation of neem oil fatty acid distillation residue based pesticide consisting of :

- (i) saponifying the neem oil fatty acid distillation residue with an aqueous alkali such as herein described at 85 to 140°C and atmospheric pressure, the concentration of the alkali in water being 10 to 50% by weight and the molar ratio of the residue and alkali being 1 : 1.05 to 1 : 1.2;
- (ii) drying the resulting soap at 100—110°C;
- (iii) allowing the resulting soap cake to cool down to room temperature;
- (iv) pulverising the soap cake;
- (v) fortifying the resulting fines by mixing with 5 to 10% by weight of neem oil;
- (vi) allowing the fines to dry at room temperature and obtain the pesticide; and
- (vii) if desired, forming an aqueous emulsion of the pesticide by mixing the pesticidal fines water at room temperature in the ratio 0.5 : 100 to 3 : 100.

(Comp. Specn. 28 pages;

Drgs. Nil)

Ind. Cl. : 172-D, — [GROUP — XX] 172151
Int. Cl.⁴ : D 01 H 5/00.

A METHOD OF SPINNING A YARN IN AN OPEN END SPINNING MACHINE IN WHICH A STAPLE SLIVER IS AUTOMATICALLY FED TO A TEXTILE MACHINE AND AN APPARATUS THEREOF.

Applicant : SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, OF FRIEDRICH-EBERT-STRASSE 84, D-8070 INGOLSTADT, GERMANY, A GERMAN COMPANY.

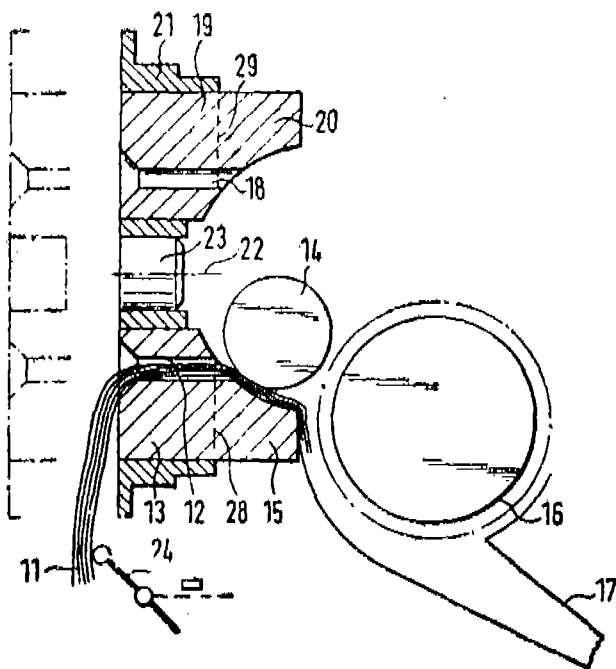
Inventors : (1) BRINER, EMIL
(2) HOEBER, W. GERHARD
(3) FRITSCHI, ISIDOR

Application No. 438/MAS/88 filed June 24, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(22 Claims)

A method of spinning a yarn in an open end spinning machine in which a staple sliver is automatically fed to a textile machine comprising a feed device, in which two staple slivers are inserted into two guides, the first guide occupying a supply position and conveying the first staple sliver supplied to the feed device, whereas the second guide holds the second staple sliver in a standby position, and when the supply of the first staple sliver to the feed device is interrupted the second staple sliver is brought into the supply position and supplied to the feed device, wherein when the supply of the first staple sliver to the feed device is interrupted, the empty first guide is moved from the supply position to a standby position and simultaneously the second guide together with the second staple sliver inserted therein is moved into the supply position, whereupon a new staple sliver is inserted into the first guide, which is now in a standby position.



(Com.—47 pages

Drwgs.—10 sheets)

Ind. Cl. : 172-C* — [GROUP — XX] 172152
Int. Cl.⁴ : D 01 G 23/00.

A FIBRE PROCESSING PLANT.

Applicant : MASCHINENFABRIK RIETER AG, A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventor : CHRISTOPH STAHELI.

Application No. 449/MAS/88 filed June 29, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(12 Claims)

A fibre processing plant comprising a pneumatic flock feed system for conveying a flow of flock, said feed system having a flock supply means for supplying flock into said system at a preselected constant rate; a plurality of fibre processing machines connected to said system for receiving flock therefrom; and control means connected to said flock supply means to switch said flock supply means on and off for controlling the overall amount of flocks conveyed in said system in a stop-go operation with said preselected rate, said control means being adjustable in dependence on the number of fibre processing machines in operation.

(Com.—25 pages

Drwgs.—4 sheets)

Ind. Cl. : 33 F [XXXIII (3)] 172153
Int. Cl.⁴ : B 22 D 11/04.

A MOLD FOR CONTINUOUS CASTING OF THIN SLAB INGOTS.

Applicant : MANNESMANN AKTIENGESELLSCHAFT, OF MANNESMANNUFER 2, D — 4000 DUSSELDORF 1, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventors : 1. FRITZ PETER PLESCHIUTSCHNIGG,
2. GERD MOLLERS,
3. HANS GEORG EBERHARDT,
4. WERNER RAHMFELD,
5. LOTHAR PARSHAT,
6. HANS JURGEN EHRENBERG.

Application No. 452/MAS/88 filed on 29th June 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(5 Claims)

A mold for continuous casting of thin slab ingots, comprising a plurality of walls defining the sides of a slab ingot to be cast, the walls corresponding to the wider sides (8, 9), having inwardly oriented facing wall surfaces (8', 9'), one of them being concave (8'), the other being convex (9'), characterised in that the lower wall surface portions are concentrically curved and at least one of said surfaces (8', 9') merging into a surface portion (13) along a tangent (12), the

said surface portion (13) extends upwardly and outwardly vis-a-vis the interior (1) of the mold.

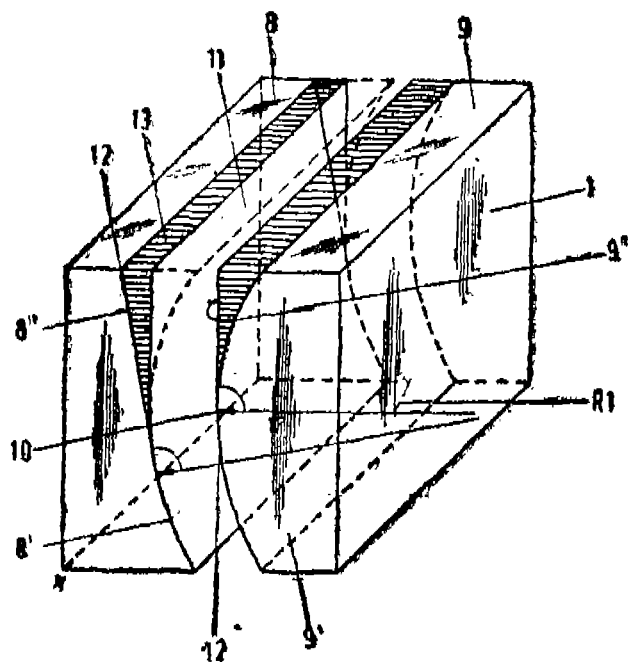
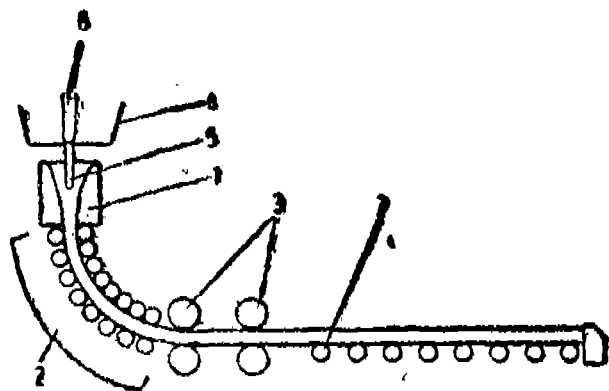


Fig. 2



(Complete specification 14 pages;

Drawing 4 sheets)

Ind. Cl. : 50-E — [GROUP — VII(1)]

172154

Int. Cl.⁴ : F 25 D 31/00
F 28 C 3/08

A SELF CONTAINED COOLING APPARATUS AND A METHOD OF MAKING THE SAME.

Applicant : INTERNATIONAL THERMAL PACKAGING INC., A CALIFORNIA CORPORATION HAVING A PLACE OF BUSINESS AT 1100 GLENDON AVENUE, SUITE 2050, LOS ANGELES, CALIFORNIA 90024, U.S.A.

Inventors: (1) DENNIS A THOMAS
(2) CULLEN M SABIN
(3) JOHN H COVER
(4) GARY STEIDL

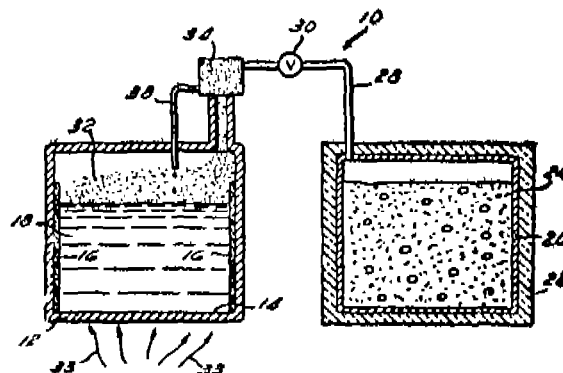
Application No. 474/MAS/88 filed July 6, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(22 Claims)

A self-contained cooling apparatus, comprising a first chamber containing a liquid having a vapour pressure of at least

9 mm Hg at a temperature of 20°C wherein said first chamber has an interior surface provided with a wicking material for said liquid; a second evacuated chamber containing a sorbent for said liquid a conduit connecting said first and second chambers; a valve in said conduit for preventing flow through said conduit between said chambers; and an actuator for opening said valve to connect said first and second chambers, permitting said liquid to vaporize and permitting said vapor to pass through said conduit and into said sorbent, whereby the evaporation of said liquid serves to cool said first chamber.



(Com.—19 pages;

Drwgs.—1 sheet)

Ind. Cl. : 48-A — [GROUP — LVIII (3)]

172155

Int. Cl.⁴ : H 01 B 11/20
H 02 G 15/00

APPARATUS FOR MONITORING PARAMETERS OF LOCAL AREA NETWORK SYSTEM MEMBERS.

Applicant : DIGITAL EQUIPMENT CORPORATION, A MASSACHUSETTS CORPORATION, OF 111 POWDER-MILL ROAD, MAYNARD, MASSACHUSETTS 01754, U.S.A.

Inventors : (1) MICHAEL FELKER
(2) ANGELO VIVERITO

Application No. 547/MAS/88 filed July 29, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

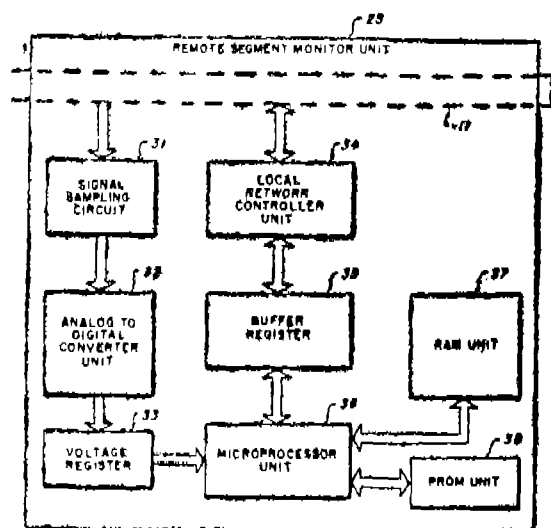
(8 Claims)

Apparatus for monitoring parameter of local area network system members, said monitoring apparatus coupled to a segment cable coupling said local area network members, wherein said local area network members apply transaction signal groups to said segment cable, characterized in that said monitoring apparatus comprises :

a sampling circuit coupled to said segment cable for determining a value related to a magnitude of each transaction signal group on said segment cable,

a decoder connected to said sampling circuit for decoding selected portions of said transaction signal group, one of said selected portions identifying a network system member which originated said transaction signal group on said segment cable, and

a memory connected to said decoder for storing a magnitude of each transaction signal group in association with an identification of said system member that originated said transaction signal group.



(Com.—13 pages; Drawgs.—3 sheets; one sheet of size 33.00 cms. by 41.00 cms.)

Ind. Cl. : 128-G — [GROUP — XIX(2)] 172156
Int. Cl.⁴ : A 61 B 19/00

A DEVICE FOR THE DEPLETION OF THE LEUKOCYTE CONTENT OF A BLOOD PRODUCT.

Applicant : PALL CORPORATION, INCORPORATED UNDER THE LAWS OF NEW YORK, U.S.A., OF 30 SEA CLIFF AVENUE, GLEN COVE, NEW YORK 11542, UNITED STATES OF AMERICA.

Inventor : DAVID BORIS PALL.

Application No. 733/MAS/88 filed October 21, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(10 Claims)

A device for the depletion of the leukocyte content of a blood product comprising at least first, second and third porous elements with the second porous element interposed between the first and third porous elements, the said first porous element is a gel retaining fibrous web comprising resin fibers and having an average pore diameter that induces air flow at the rate of 0.5 cm/second at a differential pressure in the range from 3.5 to 8.5 cm of water column through the first porous element when it is prewetted by isopropyl alcohol, in which the resin fibres of the gel retaining fibrous web are at least one of polyvinylidene flouride, polyethylene, polymethylpentene, polypropylene, cellulose acetate, Nylon 6, Nylon 66, polyester, polyacrylonitrile and polyaramid, the said second porous element is a microaggregate removing fibrous web comprising resinfibers and having a pore diameter in the range of from 25 to 9 micrometers, in which the resin fibres of the microaggregate removing fibrous web are at least one of polyvinylidene flouride, polyethylene, polymethylpentene, polypropylene, cellulose acetate, Nylon 6, Nylon 66, polyester, polyacrylonitrile and polyaramid, the said third porous element is a leukocyte removing fibrous web comprising resin fibers and having a pore diameter in the range of from 4 to 10 micrometers, in which the resin fibres of the leukocyte removing fibrous web are at least one of polyvinylidene flouride, polyethylene, polymethylpentene, polypropylene, cellulose acetate, Nylon 6, Nylon 66, polyester, polyacrylonitrile and polyaramid, and at least the said third porous element has a critical wetting surface tension (CWST) between 53 and 90 dynes/cm.

(Com.—109 pages;

Drawgs.—2 sheets)

Ind. Cl. : 32-F₁ — [GROUP — IX(1)]

172157

Int. Cl.⁴ : C 07 C 33/46

A PROCESS FOR SEPARATING 1, 1-BIS (4-CHLOROPHENYL)-2, 2, 2-TRICHLOROETHANOL.

Applicant : ATOCHEM, A FRENCH BODY CORPORATE, OF 4 & 8 COURS MICHELET, LA DEFENSE 10, 92800 PUTEAUX, FRANCE.

Inventors : (1) JAIME PALENCIA ADRUBAU

(2) JAUME CASTELLA SOLA

Application No. 572/MAS/90 filed July 17, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(19 Claims)

A process for separating 1, 1-bis (4-chlorophenyl)-2, 2, 2-trichloroethanol from a mixture containing 1, 1-bis (4-chlorophenyl)-2, 2, 2-trichloroethanol and atleast one compound chosen from 1-(4-chlorophenyl)-1-(2-chlorophenyl)-2, 2, 2-trichloroethanol, 1-(4-chlorophenyl)-1-(2-chlorophenyl)-2, 2, 2-trichloroethane and 1-(4-chlorophenyl)-1-(2-chlorophenyl)-2, 2-dichloroethylene, which comprising (a) preparing a solution of said starting mixture in a solvent at a temperature of 0 to 100°C; (b) preparing a medium containing an addition compound by adding a first electron donating compound of 1, 1-bis (4-chlorophenyl)-2, 2, 2-trichloroethanol and a second electron donating compound such as herein described to said solution at a temperature of 0 to 100°C; (c) crystallizing said addition compound by cooling said medium to a temperature of —20° to 40°C; (d) isolating said addition compound by filtering and washing at a temperature of —20 to 40°C and (e) recovering 1, 1-bis (4-chlorophenyl) — 2, 2, 2-trichloroethanol by methods such as herein described.

(Com.—25 pages;

Draws.—9 sheets)

Ind. Cl. : 83-A₃ — [GROUP — XIV(5)]

172158

Int. Cl.⁴ : A 23 L H 1/307: 1/31

A PROCESS FOR PREPARING LOW CALORIE MEAT PRODUCT.

Applicant : SLAGTERISELSKABET WENBO A.m.b.A., A DANISH COMPANY, KORNUMGARDSVEJ 20, DK-9700 BRONDRERSLEV, DENMARK.

Inventors : (1) BENT CHRISTENSEN

(2) FRITS MOGENSEN

Application No. 986/MAS/90 filed December 6, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(45 Claims) (No drawing)

A process for preparing a low calorie meat product comprising the steps of :

(i) mixing in a grinding apparatus :

- (a) 20 to 95% by weight of lean meat substantially free from visible fat and having a particle size of at the most 5 mm.
- (b) 5 to 30% by weight of a vegetable fat replacement ingredient comprising dietary fiber and starch in a weight ratio in the range of 1 : 32 to 1 : 1, the proportion of the dietary fiber being at least 5% by weight of the vegetable ingredient dry matter when determined as non-starch polysaccharides (NPS), and the proportion of the starch being at least 50% by weight of the vegetable ingredient dry matter, the said fat replacement ingredient is an ingredient being capable of having, or being brought into a homogeneous consistency essentially without sensory recognizable particles in the mixture,
- (c) 0 to 50% by weight of added water,
- (d) 0 to 4% by weight of added salt,
- (e) if desired at least 5% by weight of an emulsion comprising 0.5 to 3% by weight based on the product of an edible oil which is liquid at ambient temperature, water having a temperature not less than 50°C

and 0.2 to 2% by weight based on the product of a protein powder having a water content of at the most 20% by weight, and

(f) 0 to 15% by weight of one or more additional ingredients such as herein described, to obtain a meat product mixture comprising evenly distributed particles of meat and fat replacement ingredient having an average largest diameter of 10 mm.

(ii) grinding the resulting meat product mixture if desired by passing said mixture through a high speed grinder, to obtain the meat product mixture in the form of a coherent forcemeat mixture in which the ingredient particle size is reduced to levels where the ingredients are no longer visually recognizable in the mixture, said particle size being at the most 3 mm,

(iii) distributing meat product mixture into suitably sized packagings, and

(iv) subjecting the meat product mixture when distributed into packagings to a preservation and/or cooking treatment to obtain a low calorie meat product having a total energy content of less than 700 kJ/100 g and a fat content which is at the most 15% by weight, with the proviso that (i) when the lean meat is fish meat the low calorie meat product does not comprise hardened fat and (ii) the low calorie meat product does not contain knojak mannan and (iii) that the fat content is at the most 10% by weight when the low calorie meat product is not a hamburger product.

(Com.—104 pages)

Ind. Cl. : 83-A₃ — [GROUP — XIV (5)]

172159

Int. Cl.⁴ : A 23 L 1/00

A PROCESS FOR THE PREPARATION OF BISIBELE HULJANNA.

Applicant : DASAPRAKASH PRIVATE LIMITED, 10, RAJA ANNAMALAI ROAD, MADRAS-600 084, TAMIL NADU, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventor : KUTHETHUR VIJAYA DAS.

Application No. 71/MAS/91 filed February 1, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(2 Claims) (No drawing)

A process for the preparation of bisibele hulianna comprising the steps of boiling thur dhal (in the proportion $\frac{1}{2}$ kg) for 20 minutes, adding raw rice (in the proportion $\frac{1}{2}$ kg) thereto and boiling the same together; adding chopped carrots (in the proportion $\frac{1}{2}$ kg) to the abovementioned substances until all the three substances are cooked; frying spices in oil for 2 minutes and adding black gram, bengal gram together with pieces of dry chillies thereto and powdering the same; soaking tamarind (in the proportion 150 gms) in water and squeezing and straining the same to obtain tamarind water; adding jagery (in the proportion 100 gms), turmeric powder (in the proportion 2 teaspoons), salt and the powdered spices to the tamarind water and boiling the same for 20 minutes; mixing the cooked rice, dhal and carrot with the boiled tamarind water; heating vanaspathi (in the proportion $\frac{1}{2}$ kg) for a few minutes in a separate kadai, adding mustard (in the proportion 50 gms), 5-6 dry chillies, a little bengal gram and black gram dhal thereto and frying the same until the colour turns golden brown, mixing grated coconut and curry leaves therewith with a sprinkling of asfoetide water and thereafter mixing all the substances together.

(Com.—7 pages)

Ind. Cl. : 32-F₁ & 32-F₂(b) — [GROUP — IX (1)] 172160

Int. Cl.⁴ : C 07 D 281/10

A PROCESS FOR THE PREPARATION OF 1, 5 BENZOTHIAZEPINONE DERIVATIVES OF GENERAL FORMULA I.

Applicant : ISTITUTO LUSO FARMACO D'ITALIA SpA, VIA CARNIA, 26, MILANO, ITALY; A COMPANY ORGANISED UNDER THE LAWS OF ITALY.

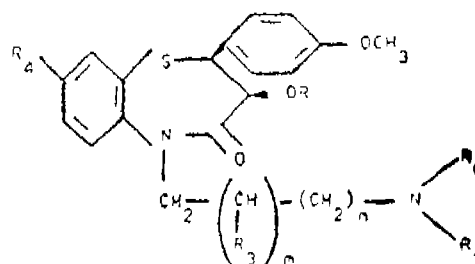
Inventors : (1) ALDO SALIMBENI
(2) ELSO MANGHISHI
(3) SATURNINO CALIARI
(4) FRANCESCO FICI

Application No. 296/MAS/91 filed April 15, 1991.

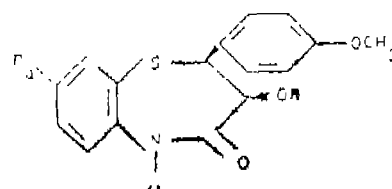
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(2 Claims)

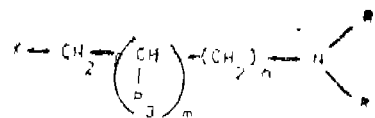
Process for the preparation of 1, 5 benzothiazepinone derivatives of general formula I of the accompanying drawing



comprising reacting in a solvent such as herein described, a benzothiazepinone derivative of formula II of the accompanying drawing



with a compound of formula III of the accompanying drawing



in the presence of an alkaline agent such as herein described at a temperature in the range of 0 to 100°C wherein R is hydrogen or an R_xCO group wherein R_x is a C₁-4 linear or branched alkyl or a phenyl group, optionally substituted by halogen atoms, methoxy or nitro groups; R₁ and R₂, which are the same or different, are a C₁-C₄ linear or branched alkyl or a C₃-C₇ cycloalkyl; R₃ is a C₁-C₄ linear or branched alkyl; R₄ is hydrogen, chlorine, methoxy; n is 1 or 2; m is zero or 1 with the proviso that when m is zero, at least one of R₁ and R₂ is a branched alkyl group or a cycloalkyl group.

(Com.—15 pages;

Drwgs.—1 sheet)

PATENT SEALED ON 19-03-93

164989 169872 * 169878 169949 169977 169978 * 169979
170062 170094 170127 170128 170190 *D 170214 * 170334
170372 *

Cal—01, Bom—Nil, Del—01 & Mas—13.

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patent Act, 1970 from the date of expiration of three years from the date of sealing.

D—DRUG Patent and F—FOOD Patent.

AMENDMENT PROCEEDINGS UNDER SECTION 57

The application for proposed amendments in respect of Patent No. 165227 as notified in the Gazette of India, Part III Section 2 dated 7th September, 1991 has been withdrawn.

Notice is hereby given that Biotechnology Australia Pty. Ltd. a company incorporated under the laws of the state of New South Wales, of 28 Barcoo Street, Roheville, New South Wales 2069, Australia, and others have made an application under Section 57 of the Patents Act, 1970 for amendment of Form—6 of the application for Patent of their application for Patent No. 165453 for "Process for the preparation of new polypeptides by biosynthesis."

The application for amendment and the proposed amendments can be inspected free of charge of Patent Office 234/4, Acharya Jagdish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition of on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

The amendments proposed by SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESellschaft in respect of Patent Application No. 782/MAS/85 (166492) as advertised in Part III, Section 2, of the Gazette of India on 7-11-1992 and no Opposition being filed within the stipulated period the said amendments have been allowed.

The amendments proposed by CALGON CORPORATION in respect of Patent Application No. 171337 (332/MAS/88) advertised in Part III, Section 2, of the Gazette of India on 24-10-1992 and no opposition being filed within the stipulated period, the said amendments have been allowed.

OPPOSITION PROCEEDINGS

An Opposition entered by M/s. ASIA FOUNDATION AND CONSTRUCTIONS LTD., BOBAY to the grant of a Patent on Application for Patent No. 158625 made by M/s. CEM-INDIA COMPANY LTD., BOMBAY as advertised in the Gazette of India, Part III, Section 2 dated 18th July, 1987 succeeded and the grant of a Patent thereon is refused.

The opposition entered by the CHLORIDE INDUSTRIES LIMITED to the grant of a patent on Application No. 168231 made by SACHINDRA PRASAD SAHA as notified in Part III, Section 2 of the Gazette of India dated 7th September, 1991 has succeeded and it is ordered that no patent shall be granted on the application.

An Opposition has been entered by SANDVIK ASIA LIMITED, PUNE on Patent Application No. 171390 made by WIDIA (INDIA) LIMITED, BANGALORE.

RENEWAL FEES PAID

148748 149603 149818 151122 151465 152213 152741 152999
153023 153047 153075 153119 153466 153698 153862 154324
154335 154343 154556 154558 154686 154694 154700 154724
154725 154845 154849 154850 154852 154924 155010 155204
155347 155662 156110 156287 156887 156903 156910 156911
156984 157028 157062 157063 157169 157249 157264 157375

157441 157504 158246 158439 158459 158477 158483 158525
158528 158530 158689 158883 158989 159122 159208 159213
159408 159410 159415 159486 159535 159542 159863 160046
160070 160093 160158 160352 160570 160741 160846 161235
161269 161379 161457 161458 161482 161499 161503 161504
161564 161565 161619 161808 161829 161845 161846 161936
162092 162212 162245 162257 162259 162294 162321 162325
162493 162684 162742 162848 162925 163177 163185 163585
163641 163645 163655 163719 163826 163840 163841 163884
163908 164172 164204 164205 164314 164339 164416 164417
164425 164460 164482 164547 164564 164567 164582 164592
164779 164842 164906 164964 165190 165279 165280 165431
165432 165507 165675 165753 165755 165759 165805 165834
165835 165836 165843 165916 165977 166315 166317 166434
166438 166440 166651 166657 166668 166669 166668 166689
166752 166862 166913 166914 167018 167030 167153 167486
167590 167668 167691 167736 167739 167758 167837 167838
167896 167912 167916 167931 167933 167938 167939 167952
167977 167993 168023 168024 168025 168027 168028 168042
168045 168046 168049 168054 168055 168064 168065 168066
168067 168068 168102 168106 168199 168223 168292 168347
168454 168456 168797 168798 168804 168892 169335 169340
169434 169514 169579 169656 169659 169735 169718 169779
169929

CESSATION OF PATENTS

162885 162891 162895 162897 162901 162903 162906 162907
162917 162919 162922 162930 162931 162934 162937 162938
162939 162940 162 948 162949 162950 162951 162960 162961
162962 162963 162967 162987 162989 162994 162995 162996
162999 163001 163002 163003 163005 163006 163009 163016
163022 163038 163045 163049 163050 163052 163056 163057
163064 163068 163081 163098 163099 163113 163115 163124
163133 163135 163141 163144 163145 163146 163147 163152
163159 163160 163165 163173 163186 163189 163190 163196
163202 163203 163207 163210 163212 163217 163221 163223
163231

Name Index of Application for Patents in respect of Patent Office Calcutta & its branches for the month of August, 1992 to December, 1992 (Nos. 546/Cal/92 to 928/Cal/92 235/Bom/92 to 433/Bom/92 466/Mas/92 to 775/Mas/92, 687/Del/92 to 1288/Del/92).

Name and Application No.

Calcutta

(546/Cal/92 to 928/Cal/92)

—A—

A Ahlstrom Corporation—654/Cal/92.

ABB Air Preheater, Inc.—738/Cal/92.

ABB Henschel Waggon Union GmbH.—794/Cal/92.

Abrasion Engineering Co. Ltd.—651/Cal/92.

Agarwal, R. K.—587/Cal/92.

Alkaloida Vegyeszeti Gyar Rt.—737/Cal/92.

American Cyanamid Co.—600/Cal/92.

Amsted Industries Incorporated—892/Cal/92.

Ascher, G.—913/Cal/92.

Asta Medica Aktiengesellschaft.—599/Cal/92.

—B—

Babcock & Wilcox Co., The—560/Cal/92, 730/Cal/92, 731/Cal/92, 732/Cal/92.

Beloit Technologies, Inc.—733/Cal/92, 734/Cal/92.

Besma Beschichtungsmassen GmbH.—724/Cal/92.

Betz International Inc.—838/Cal/92.

Bhanushankar, S. (Mr.)—633/Cal/92, 634/Cal/92, 635/Cal/92, 636/Cal/92, 637/Cal/92, 638/Cal/92, 639/Cal/92.

Bhartia Electric Steel Co. Ltd.—768/Cal/92.

Biofield Corporation.—832/Cal/92.

Biswas, S.—678/Cal/92.

Blackwell B. J.—829/Cal/92.

Bohnensieker, F.—861/Cal/92.

Bose Institute.—795/Cal/92.

Bose, J. L.—618/Cal/92.

Brod & Meclung Pace Co.—615/Cal/92.

Bush-Presbyterian St.—881/Cal/92.

—C—

Co2pac Ltd.—798/Cal/92.

Catalysts & Chemicals Eurpoe S.A.—688/Cal/92.

Central Mine Planning & Design Institute Ltd. (CMPDI)—683/Cal/92.

Centro Sviluppo Materiali S.P.A.—629/Cal/92.

Chakraborty, A. U.—841/Cal/92, 842/Cal/92.

Cheil Foods & Chemicals, Inc.—888/Cal/92.

China Pharmaceutical University.—764/Cal/92.

Choudhuri, P. B.—914/Cal/92.

Choudhury, M. K.—568/Cal/92.

Citibank, N. A.—721/Cal/92.

Clark-Rehance Corporation.—783/Cal/92.

Chohen, S. J.—860/Cal/92.

Copeland Corporation—553/Cal/92, 736/Cal/92, 830/Cal/92

—D—

D & C Engineering B.V.—729/Cal/92.

Dandapat, S.—727/Cal/92.

Deutsche Voest-Alpine Industrieanlagenbau GmbH.—778/Cal/92.

Diesel Cooking Oven Co. M/s.—866/Cal/92.

Doom Dooma India Ltd.—576/Cal/92.

Dunkley, D. D.—640/Cal/92.

Du Pont Canada Inc.—704/Cal/92, 705/Cal/92, 706/Cal/92.

Dutta, P. K.—771/Cal/92.

—E—

ECP Enichem Polimeri S.r.l.—723/Cal/92.

ECP Enichem Polymeres France S.A.—551/Cal/92.

E. I. Du Pont De Nemours & Co.—578/Cal/92, 586/Cal/92, 608/Cal/92, 609/Cal/92, 610/Cal/92, 616/Cal/92, 652/Cal/92, 679/Cal/92, 696/Cal/92, 697/Cal/92, 743/Cal/92, 745/Cal/92, 746/Cal/92, 761/Cal/92, 790/Cal/92, 804/Cal/92, 806/Cal/92, 818/Cal/92, 844/Cal/92, 848/Cal/92, 865/Cal/92, 883/Cal/92, 883/Cal/92.

ELF Atochem North America, Inc.—917/Cal/92, 918/Cal/92, 919/Cal/92.

EVT Energie-Und Verfahrenstechnik GmbH.—671/Cal/92.

Eaton Corporation.—707/Cal/92, 708/Cal/92, 882/Cal/92, 910/Cal/92, 916/Cal/92, 922/Cal/92.

Elliott Turbomachinery Co., Inc.—550/Cal/92.

Emerson Electric Co.—834/Cal/92.

Emitec Gesellschaft fur Emissionstechnologie mbH.—681/Cal/92, 815/Cal/92, 911/Cal/92.

Environmental Protection Group Ltd.—887/Cal/92.

Ermanno Pacini.—889/Cal/92.

Erna Huemer Unistrap Verpackung.—875/Cal/92.

Eurofixture Ltd.—846/Cal/92.

—F—

FIP Incorporated.—589/Cal/92.

Flamagas, S.A.—716/Cal/92.

Flour Corporation.—849/Cal/92.

Franz Plasser Bahnbaumaschinen-Industriegesellschaft mbH.—641/Cal/92, 763/Cal/92.

Frigoscandia Food Process Systems AB.—701/Cal/92, 702/Cal/92, 703/Cal/92.

Fumakilla Ltd.—588/Cal/92.

—G—

Gayen, N. U. (Mr.)—604/Cal/92.

General Electric Co.—899/Cal/92, 924/Cal/92.

General Tire, Inc.—563/Cal/92, 565/Cal/92.

Gillham, A.—640/Cal/92.

Green Cross Corporation, The—603/Cal/92.

—H—

H. D. Tech. Incorporated.—648/Cal/92.

Hanna Technology Ltd.—722/Cal/92.

Hans Oetiker AG Maschinen-Und Apparatefabrik Oberdorfstrasse—795/Cal/92, 808/Cal/92, 869/Cal/92.

Haung, S. L.—687/Cal/92.

Healtech S.A.—788/Cal/92.

Henrob Ltd.—862/Cal/92.

Hezel, R. (Dr.)—905/Cal/92.

Himont Incorporated.—769/Cal/92, 770/Cal/92, 776/Cal/92, 789/Cal/92, 890/Cal/92.

Hismelt Corporation Pty. Ltd.—654/Cal/92.

Hitachi Construction Machinery Co. Ltd.—676/Cal/92, 691/Cal/92, 803/Cal/92.

Hitachi Ltd.—672/Cal/92, 739/Cal/92, 760/Cal/92.

Hitachi Mito Engineering Co. Ltd.—672/Cal/92.

Hitachi Techno Engineering Co. Ltd.—672/Cal/92.

Hoechst Aktiengesellschaft.—555/Cal/92, 590/Cal/92, 592/Cal/92, 593/Cal/92, 612/Cal/92, 644/Cal/92, 645/Cal/92, 646/Cal/92, 653/Cal/92, 657/Cal/92, 690/Cal/92, 777/Cal/92, 782/Cal/92, 835/Cal/92, 879/Cal/92.

Hoechst Celanese Corporation—566/Cal/92, 572/Cal/92.

Hollandse Signaalapparaten B.V.—711/Cal/92, 858/Cal/92, 894/Cal/92.

Hoover Co., The—712/Cal/92.

Hubbert & Wagner Fahrzeug-Ausstattungen GmbH. & Co. KG.—680/Cal/92.

Hudson Products Corporation.—850/Cal/92.

—I—

IBP Co. Ltd.—822/Cal/92.

I.F.B. Industries Ltd.—628/Cal/92.

Immune Systems Ltd.—877/Cal/92.

Impact Telemedia, Inc.—880/Cal/92.

Indian Association for the cultivation of Science The.—689/Cal/92.

Indian Institute of Technology.—823/Cal/92.

Indian Jute Industries Research Association—709/Cal/92, 873/Cal/92.

Iol Ltd.—904/Cal/92.

—J—

J. M. Voith GmbH.—684/Cal/92.

Jacobs Brake Technology Corp.—786/Cal/92, 787/Cal/92.

James Holdsworth & Brothers Ltd.—601/Cal/92.

Jen, S.—744/Cal/92.

John Lysaght (Australia) Ltd.—793/Cal/92, 856/Cal/92.

Johnson & Johnson Inc.—685/Cal/92.

—K—

K. C. Metal Products Proprietary Ltd.—856/Cal/92.
 KM—Kabelmetal Aktiengesellschaft.—809/Cal/92.
 Kabushiki Kaisha Meidensha.—781/Cal/92.
 Karp, S.—755/Cal/92.
 Kas-ei Optonix Ltd.—630/Cal/92.
 Kemira Oy Kemira Fibres.—927/Cal/92.
 Kenny, M.—640/Cal/92.
 Kerr-Mcgee Chemical Corporation.—698/Cal/92, 912/Cal/92.
 Koninklijke Emballage Industrie Van Leer BV.—867/Cal/92.
 Kortec AG.—801/Cal/92, 814/Cal/92.
 Krone Aktiengesellschaft.—817/Cal/92.
 Krupp Industrietechnik Gesellschaft Mit Beschränkter Haftung.—895/Cal/92.
 Krupp Koppers GmbH.—647/Cal/92.
 Kumar, N. (Wing Commander).—655/Cal/92.

—L—

Laboratori Guidotti S.P.A.—558/Cal/92, 898/Cal/92.
 Lemna Corporation, The.—772/Cal/92, 773/Cal/92, 774/Cal/92, 775/Cal/92.
 Lipogenics, Inc.—851/Cal/92.
 Lonza Ltd.—847/Cal/92.
 Lucky Ltd.—909/Cal/92.
 Ludovicus Marien.—725/Cal/92.

—M—

Macrovision Corporation.—828/Cal/92.
 Magnetospheric Power Corporation Ltd.—726/Cal/92.
 Maity, J. (Sri).—607/Cal/92, 765/Cal/92.
 Marine Shale Processors, Inc.—631/Cal/92.
 Mark Controls Corporation.—901/Cal/92.
 Max-Planck-Gesellschaft Zur Förderung der Wissenschaften E.V.—658/Cal/92.
 Mayer, W.—754/Cal/92, 807/Cal/92.
 McNeil-PPC, Inc.—619/Cal/92, 757/Cal/92, 859/Cal/92.
 Mead Corporation, The.—740/Cal/92.
 Merck Patent Gesellschaft Mit Beschränkter Haftung.—567/Cal/92, 693/Cal/92, 719/Cal/92, 791/Cal/92, 857/Cal/92, 907/Cal/92, 908/Cal/92.
 Metallgesellschaft Aktiengesellschaft.—650/Cal/92, 694/Cal/92, 819/Cal/92, 820/Cal/92.
 Micromet Technology, Inc.—928/Cal/92.
 Minato Co.—603/Cal/92.
 Misawa Homes Co., Ltd.—780/Cal/92.
 Mitsui Toatsu Chemicals, Inc.—621/Cal/92, 622/Cal/92.
 Mitutoyo Corporation.—583/Cal/92, 710/Cal/92, 903/Cal/92.
 Montecatini Tecnologie S.P.A.—852/Cal/92.
 Morrison, D. N.—677/Cal/92.
 Mukherjee, C. R.—546/Cal/92.
 Mukherjee, R. K.—824/Cal/92.

—N—

N.V. Philips' Gloeilampenfabrieken.—871/Cal/92, 872/Cal/92.
 New Drugs Research and Administration Centre Station Pharmaceutical Administration.—764/Cal/92.
 Neyppic & Cerex.—845/Cal/92.
 Nightingale Kenny International Pty. Ltd.—554/Cal/92.
 Nukem GmbH.—785/Cal/92.

—O—

Orbital Walbro Corporation.—547/Cal/92.
 Ormat Industries Ltd.—837/Cal/92.

—P—

Paul, S.—713/Cal/92.
 Pfizer Inc.—570/Cal/92.
 Phillips Petroleum Co.—613/Cal/92, 627/Cal/92, 695/Cal/92, 714/Cal/92, 715/Cal/92, 735/Cal/92.
 Pippins, S. K.—759/Cal/92.
 Porta Systems Corporation.—826/Cal/92.
 Prolux Maschinenbau GmbH.—766/Cal/92.

—Q—

Quay, S. C.—673/Cal/92.

—R—

Ranjan, A.—674/Cal/92.
 Ray, S.—800/Cal/92.
 Reckitt & Colman, Inc.—897/Cal/92.
 Rectical Holding Noord B.V.—829/Cal/92.
 Reinhard, M.—728/Cal/92.
 Re-Mark-It Ltd.—885/Cal/92.
 Remy Linus of Latonah Mission.—700/Cal/92.
 Rentrop, P. A.—680/Cal/92.
 Rex, A. E.—624/Cal/92, 625/Cal/92.
 Richter Gedeon Vegyeszeti Gyar RT.—623/Cal/92, 626/Cal/92, 720/Cal/92.
 Riley, M. B.—870/Cal/92.
 Ross Operating Valve Co.—836/Cal/92.
 Routh, P. K. (Sri).—686/Cal/92.
 Roy, S.—675/Cal/92, 742/Cal/92, 840/Cal/92, 891/Cal/92,

—S—

Saha, B.—839/Cal/92.
 Samsung Electron Devices Co. Ltd.—556/Cal/92, 557/Cal/92.
 Samsung Electronics Co. Ltd.—562/Cal/92, 825/Cal/92.
 Samwha Engineering Co. Ltd.—799/Cal/92.
 Sanki Kogyo Co. Ltd.—810/Cal/92.
 Sanleo Holdings Pty. Ltd.—920/Cal/92.
 Santrade Ltd.—564/Cal/92, 611/Cal/92.
 Sanyal, S.—756/Cal/92, 843/Cal/92.
 Sarkar, D. (Shri).—866/Cal/92.
 Sarkar, P.—574/Cal/92.
 Satake Corporation.—571/Cal/92, 585/Cal/92.
 Saxena, V.—674/Cal/92.
 Scies Inc.—570/Cal/92.
 Sen, K. Mrs. (Dr.).—796/Cal/92.
 Sico Incorporated.—573/Cal/92, 580/Cal/92.
 Siemens Aktiengesellschaft.—577/Cal/92, 579/Cal/92, 581/Cal/92, 582/Cal/92, 591/Cal/92, 594/Cal/92, 596/Cal/92, 632/Cal/92, 682/Cal/92, 741/Cal/92, 784/Cal/92, 797/Cal/92, 802/Cal/92, 831/Cal/92, 868/Cal/92, 906/Cal/92, 921/Cal/92, 926/Cal/92.
 Singh, J. K.—827/Cal/92.
 Singh, S. (Dr.).—633/Cal/92, 634/Cal/92, 635/Cal/92, 636/Cal/92, 637/Cal/92, 638/Cal/92, 639/Cal/92.
 Sinha, J.—574/Cal/92.
 Sinvent AS.—874/Cal/92.
 Specialised Polyurethane Application Pty. Ltd.—920/Cal/92.
 Spindelfabrik Sus Sen, Schurr Stahlecker & Grill GmbH.—812/Cal/92.

Staedtler & Uhl.—595/Cal/92.

Stahlecker, F.—813/Cal/92, 923/Cal/92.

Stahlecker, H.—813/Cal/92, 923/Cal/92.

Steelworth Ltd.—575/Cal/92.

Stewing GmbH & Co. KG.—561/Cal/92.

Stone & Webster Engineering Corp.—620/Cal/92.

Stopinc Aktiengesellschaft.—762/Cal/92.

Storz, K.—902/Cal/92.

Sumitomo Chemical Co. Ltd.—718/Cal/92, 758/Cal/92, 878/Cal/92.

Superba.—811/Cal/92.

—T—

TDK Corporation.—588/Cal/92.

Taparia J.—605/Cal/92, 606/Cal/92.

Taparia, S.—605/Cal/92, 606/Cal/92.

Tata Iron & Steel Co. Ltd., The.—559/Cal/92.

Tatsuo Ono.—900/Cal/92.

Taubmans Proprietary Ltd.—793/Cal/92.

Tea Research Association.—617/Cal/92.

Technological Resources Pty. Ltd.—896/Cal/92.

Technology Partnership Ltd.—779/Cal/92.

Teijin Ltd.—767/Cal/92.

Teijin Seiki Co. Ltd.—767/Cal/92.

Texaco Development Corporation.—805/Cal/92, 816/Cal/92, 915/Cal/92.

Thomson Consumer Electronics, Inc.—876/Cal/92.

Thyssen Stahl Ag.—597/Cal/92.

Timex Corporation.—925/Cal/92.

Tiwari, G. S.—677/Cal/92.

Trico-Folberth Ltd.—569/Cal/92.

Tripathi, B. D. (Dr.)—692/Cal/92.

Troxler Electronic Laboratories, Inc.—656/Cal/92.

Trutan Pty. Ltd.—792/Cal/92.

—U—

U. S. West Advanced Technologies, Inc.—548/Cal/92, 549/Cal/92.

Unilever Plc.—602/Cal/92.

United Artists Theatre Circuit, Inc.—886/Cal/92.

United Parcel Service of America, Inc.—659/Cal/92, 660/Cal/92, 661/Cal/92, 662/Cal/92, 663/Cal/92, 664/Cal/92, 665/Cal/92, 666/Cal/92, 667/Cal/92, 668/Cal/92, 669/Cal/92, 747/Cal/92, 748/Cal/92, 749/Cal/92, 750/Cal/92, 751/Cal/92, 752/Cal/92, 753/Cal/92.

United States Borax & Chemical Corporation.—821/Cal/92.

United States Environmental Protection Agency.—893/Cal/92.

University of Melbourne, The.—863/Cal/92.

—V—

Veenhof, W. D.—614/Cal/92.

Vishwakarma, B. P.—598/Cal/92.

Vista Chemical Co.—584/Cal/92.

Vokle, R.—717/Cal/92.

—W—

Wadhawan, S. C.—855/Cal/92.

Wago Verwaltungsgesellschaft mbH.—699/Cal/92.

Wang, P. S.—884/Cal/92.

Wiemers, F.—853/Cal/92, 854/Cal/92.

Wismors, J.—853/Cal/92, 854/Cal/92.

William Prym-Werke GmbH & Co. KG.—649/Cal/92.

Windmoller & Holscher.—670/Cal/92.

—Y—

Yokogawa Electric Corporation.—833/Cal/92.

York International Corporation.—552/Cal/92.

—Z—

Zeppelin-Systemtechnik GmbH.—642/Cal/92.

Zimpro Passavant Environmental Systems, Inc.—643/Cal/92.

BOMBAY

(235/Bom/92 to 433/Bom/92)

—A—

Ahir, K. L. (Shri)—272/Bom/92.

Arora, S.—408/Bom/92.

—B—

Bapat, B. S.—403/Bom/92.

Bhad, S. B.—428/Bom/92.

Bhave, H. S.—364/Bom/92.

Bhave, S. A.—385/Bom/92.

Bhavnagar University.—342/Bom/92.

Bhide, V. G. (Shri)—325/Bom/92, 326/Bom/92.

Bhogate, R.—256/Bom/92.

Bullworker Pvt. Ltd.—315/Bom/92.

—C—

Centre for Development of Advanced Computing.—266/Bom/92.

Changulpal, K. P.—384/Bom/92.

Chaudhary, T. R.—235/Bom/92, 411/Bom/92, 412/Bom/92, 413/Bom/92.

Crompton Greaves Ltd.—259/Bom/92.

—D—

Deodhar, P.—359/Bom/92.

Desai, M. R. (Mr.)—334/Bom/92.

Deshpande, D. R.—388/Bom/92.

Dholaria, D. K. (Smt.)—286/Bom/92.

Director, I. I. T. The—334/Bom/92.

Director, The Silk and Art Silk Mills Research Association, The—371/Bom/92.

Divakar, A. A.—416/Bom/92.

Doshi, P. M.—391/Bom/92.

Dusane, R. O. (Shri)—326/Bom/92.

—E—

Eagle Flask Industries Ltd.—292/Bom/92, 293/Bom/92, 294/Bom/92, 327/Bom/92, 333/Bom/92, 360/Bom/92.

Ecomax Agro Systems Ltd.—368/Bom/92.

—F—

Filtra Materials Research Pvt. Ltd.—341/Bom/92.

Four Eyes Research (P) Ltd., M/s.—353/Bom/92, 358/Bom/92, 427/Bom/92.

—G—

Gada, B. R.—308/Bom/92.

Gada, N. R.—308/Bom/92.

Garware-Wall R & D Division—262/Bom/92.

Gracias, M. S.—392/Bom/92.

Greaves Cotton & Co. Ltd.—419/Bom/92.

Greaves Foseco Ltd.—402/Bom/92.

Gupta, A. K.—247/Bom/92.

—H—

Hada, R. S. (Shri)—273/Bom/92, 335/Bom/92.
 Harbada, K. (Dr.)—285/Bom/92.
 Harish Textile Engineers Ltd.—242/Bom/92.
 Hindustan Antibiotics Ltd.—257/Bom/92, 258/Bom/92.
 Hindustan Lever Ltd.—236/Bom/92, 237/Bom/92, 238/Bom/92, 249/Bom/92, 250/Bom/92, 252/Bom/92, 260/Bom/92, 268/Bom/92, 269/Bom/92, 275/Bom/92, 276/Bom/92, 303/Bom/92, 313/Bom/92, 314/Bom/92, 318/Bom/92, 319/Bom/92, 320/Bom/92, 321/Bom/92, 322/Bom/92, 323/Bom/92, 330/Bom/92, 336/Bom/92, 338/Bom/92, 339/Bom/92, 340/Bom/92, 347/Bom/92, 350/Bom/92, 353/Bom/92, 361/Bom/92, 3672/Bom/92, 375/Bom/92, 376/Bom/92, 377/Bom/92, 378/Bom/92, 379/Bom/92, 380/Bom/92.
 382/Bom/92, 395/Bom/92, 396/Bom/92, 400/Bom/92, 401/Bom/92, 409/Bom/92, 410/Bom/92, 417/Bom/92, 418/Bom/92, 429/Bom/92.
 Hindustan Organic Chemicals Ltd.—297/Bom/92, 420/Bom/92.
 Hoechst India Ltd.—317/Bom/92, 367/Bom/92, 394/Bom/92.
 Hoon, H. C.—271/Bom/92.

—I—

Indian Oil Corporation Ltd.—343/Bom/92, 423/Bom/92.
 Indian Petrochemicals Corporation Ltd.—261/Bom/92.
 Institute of Indian Foundrymen.—328/Bom/92.
 Ion Exchange (India) Ltd. M/s.—298/Bom/92, 299/Bom/92.

—J—

Jagarala, A. H.—404/Bom/92.
 Jog, S. V. (Shri)—301/Bom/92.

—K—

Kadam, R. (Shri)—291/Bom/92.
 Kamat, A. R.—405/Bom/92.
 Kanberge, B. S.—406/Bom/92.
 Karandikar, D. G.—348/Bom/92.
 Karne, T. M.—244/Bom/92, 245/Bom/92.
 Kelkar, H. G. (Shri)—372/Bom/92.
 Kirloskar Brothers Ltd.—312/Bom/92.
 Kowley, A. H. (Shri)—296/Bom/92, 305/Bom/92.
 Kowley, A. J.—253/Bom/92.
 Kulkarni, A. H.—383/Bom/92, 390/Bom/92.
 Kumar, P.—255/Bom/92.

—L—

Lohidaksh, K. A.—407/Bom/92.
 Lubrizol India Ltd.—290/Bom/92.

—M—

Mankad, K. V.—248/Bom/92.
 Manubhai, J. (Shri)—329/Bom/92.
 Morparia, H. K.—304/Bom/92.
 Mukerikar, V. D. (Shri)—288/Bom/92, 289/Bom/92.
 Munshi, K. (Prof.)—433/Bom/92.

—N—

Navalkar, C. B. (Mr.)—270/Bom/92.
 Nevatia, R. N.—354/Bom/92.

—O—

Oriental Containers Ltd.—389/Bom/92.
 Outokumpu Mintec Oy.—254/Bom/92.
 Oza, R. A.—355/Bom/92.

—P—

Padode, L. V.—306/Bom/92, 307/Bom/92, 309/Bom/92, 310/Bom/92, 311/Bom/92.
 Padode, P. V.—306/Bom/92, 307/Bom/92, 309/Bom/92, 310/Bom/92, 311/Bom/92.
 Padode, R. V.—306/Bom/92, 307/Bom/92, 309/Bom/92, 310/Bom/92, 311/Bom/92.
 Padode, S. V.—306/Bom/92, 307/Bom/92, 309/Bom/92, 310/Bom/92, 311/Bom/92.
 Padode, V. B.—306/Bom/92, 307/Bom/92, 309/Bom/92, 310/Bom/92, 311/Bom/92.
 Panchal, M. B. (Shri)—295/Bom/92.
 Pandya, M. V. (Dr.)—334/Bom/92.
 Paragount Sinters Pvt. Ltd.—397/Bom/92, 431/Bom/92.
 Patak, D. U. (Dr.)—430/Bom/92.
 Patel, B. J. (Mr.)—324/Bom/92.
 Patel, L. A. (Dr.)—267/Bom/92.
 Patel, R. M. (Shri)—274/Bom/92.
 Patel, S. B.—349/Bom/92.
 Patwardhan, R. K. (Shri)—370/Bom/92.
 Phatak, R. G.—416/Bom/92.
 Phenoweld Polymer Pvt. Ltd.—351/Bom/92.
 Plaistrat Electronics Pvt. Ltd.—398/Bom/92, 399/Bom/92.
 Porwal, A. (Shri)—381/Bom/92.
 Praj Counseltech Pvt. Ltd.—263/Bom/92.

—R—

R. B. Reshellers Pvt. Ltd.—246/Bom/92.
 Raja Bahadur Motilal Poona Mills Ltd.—241/Bom/92.
 Rajarshi, S. V. (Shri)—326/Bom/92.
 Rajendran, S.—359/Bom/92.
 Ranadive, H. M. (Shri)—337/Bom/92.

—S—

Sachania, N. P.—239/Bom/92, 240/Bom/92.
 Safari Industries (India) Ltd.—424/Bom/92, 425/Bom/92.
 Sahasrabuddhe, V. N.—348/Bom/92.
 Sardar Patel Renewable Energy Research Institute—432/Bom/92.
 Sayaf, B. (Shri)—331/Bom/92.
 Scitech Centre—414/Bom/92, 415/Bom/92.
 Sekaran, K. R. C.—264/Bom/92, 265/Bom/92.
 Sequeira, B. G. (Dr.)—363/Bom/92.
 Shah, A. V.—422/Bom/92.
 Shah, C. S.—345/Bom/92.
 Shah, I. J. (Mrs.)—346/Bom/92.
 Shah, K. J. (Mr.)—346/Bom/92.
 Shah, S. H.—366/Bom/92.
 Shah, V. C.—243/Bom/92, 374/Bom/92, 421/Bom/92, 422/Bom/92.
 Shaikh, A. M. G.—406/Bom/92.
 Sharma, A. B. (Mr.)—287/Bom/92.
 Sharma, M. (Shri)—331/Bom/92.
 Shikarkhane, N. S. (Shri)—332/Bom/92.
 Shitole, P. B.—251/Bom/92.
 Shridhar, V. K. (Shri)—300/Bom/92.
 Sinha, S. Mrs.—356/Bom/92, 357/Bom/92.
 Somani, R.—389/Bom/92.
 Soni, V. J. (Shri)—302/Bom/92.
 Stanko, B. E.—393/Bom/92.
 Star Industries and Textiles Enterprises Ltd., M/s.—373/Bom/92.

—T—

Tade, A. M.—403/Bom/92.
 Takwale, M. G. (Shri)—325/Bom/92.
 Technosource—344/Bom/92.
 Thermex Ltd.—365/Bom/92.
 Titus, F. R.—316/Bom/92.

—V—

Vaghela, M.P.—355/Bom/92.
 Vaidya, A. S. (Shri)—277/Bom/92, 278/Bom/92, 279/Bom/92, 280/Bom/92, 281/Bom/92, 282/Bom/92, 283/Bom/92, 284/Bom/92.
 Varma, A. K. M. (Shri)—272/Bom/92.

—W—

Walchannagar Industries Ltd.—386/Bom/92, 387/Bom/92.
 Wockhardt Ltd.—369/Bom/92.

—Z—

Zalavadia, K. (Mrs.)—426/Bom/92.

MADRAS

(466/Mas/92 to 775/Mas/92)

Name and Application No.

—A—

A Ahlstrom Corporation.—723/Mas/92.
 Abraham, J. M.—554/Mas/92.
 Advanced Extraction Technologies, Inc.—626/Mas/92.
 Akzo nv.—539/Mas/92, 613/Mas/92.
 Allied Colloids Ltd.—468/Mas/92.
 Allied Engineering Industries.—566/Mas/92.
 Alusuisse-Lonza Services Ltd.—536/Mas/92.
 American Telephone & Telegraph Co.—558/Mas/92.
 Amsted Industries Incorporated—470/Mas/92.
 Angyropoulos, J. N.—681/Mas/92.
 Applied Research & Technology Ltd.—637/Mas/92.
 Arraycomm Incorporated.—745/Mas/92.
 Arvedi, G.—589/Mas/92.
 Asea Brown Boveri Ltd.—501/Mas/92, 594/Mas/92, 707/Mas/92.
 Asokan, V. K.—612/Mas/92.
 Ausmelt Pty. Ltd.—576/Mas/92, 577/Mas/92.

—B—

BASF Aktiengesellschaft.—532/Mas/92, 533/Mas/92, 534/Mas/92, 545/Mas/92, 553/Mas/92, 590/Mas/92.
 BIS Both Industrial Services B.V.—702/Mas/92.
 Babin, J. E.—516/Mas/92.
 Baj Ltd.—543/Mas/92.
 Balachandran, D. P.—646/Mas/92.
 Basker, D.—495/Mas/92.
 Beblec (India) Private Ltd.—481/Mas/92.
 Best, D. C.—681/Mas/92.
 Blackwell, B. J.—674/Mas/92.
 Boots Company Plc. The—542/Mas/92, 756/Mas/92, 757/Mas/92, 758/Mas/92.
 Bracco S.P.A.—710/Mas/92, 736/Mas/92.
 Britto, J. J.—580/Mas/92.
 Brummer Mond & Co. Ltd.—706/Mas/92.
 Brunswick Corporation.—561/Mas/92.

—C—

Cabot Corporation.—664/Mas/92.
 Casco Nobel Industrial Products AB.—601/Mas/92.
 Caterpillar Inc.—675/Mas/92, 694/Mas/92, 724/Mas/92.
 Central Power Research Institute.—581/Mas/92, 695/Mas/92, 763/Mas/92.
 Chandrasekaran, G.—529/Mas/92.
 Chemische Fabrik Grunau GmbH.—685/Mas/92.
 Chemithon Corporation, The—640/Mas/92.
 Cole, H. W. (Jr.)—595/Mas/92.
 Comalco Aluminium Ltd.—479/Mas/92, 673/Mas/92.
 Commonwealth Scientific and Industrial Research Organisation.—511/Mas/92, 512/Mas/92.
 Compagnie Generals Des Etablissements Michelin-Michelin & CIE.—598/Mas/92, 744/Mas/92.

—D—

DSM N.V.—556/Mas/92, 564/Mas/92.
 Dana Corporation.—487/Mas/92, 544/Mas/92, 616/Mas/92, 617/Mas/92.
 Denki Tetsushin Industrial Co. Ltd.—667/Mas/92.
 Deutsche Prazisions-Ventil GmbH.—571/Mas/92, 572/Mas/92, 573/Mas/92.
 Dwarkanath, C. K.—747/Mas/92.

—E—

Eduard Kusters Maschinenfabrik GmbH & Co. KG.—677/Mas/92.
 Electrovert Ltd.—684/Mas/92.
 Empre-Werke Ernst Pelz GmbH & Co.—555/Mas/92.
 Energy Conversion Devices, Inc.—603/Mas/92, 690/Mas/92, 716/Mas/92.
 English Electric Co. of India Ltd.—714/Mas/92.
 Esvin Advanced Technologies Ltd.—552/Mas/92.
 Euroceltique S. A.—475/Mas/92, 476/Mas/92.

—F—

F. L. Smidth & Co. A/S.—651/Mas/92, 680/Mas/92.
 Faest.—478/Mas/92.
 Fernandez, A.—496/Mas/92, 497/Mas/92, 498/Mas/92, 531/Mas/92.
 Fissler GmbH.—587/Mas/92.

—G—

G. S. Technologies, Inc.—705/Mas/92.
 Garag, P.V.—761/Mas/92.
 George, J. (Dr.)—524/Mas/92, 525/Mas/92, 526/Mas/92, 582/Mas/92, 583/Mas/92, 584/Mas/92, 762/Mas/92.
 Gerin, M.—618/Mas/92, 619/Mas/92, 634/Mas/92, 661/Mas/92.
 Giovanni, A.—712/Mas/92.
 Goldstein, A.—693/Mas/92.
 Govindarajulu, A. G.—566/Mas/92, 676/Mas/92, 686/Mas/92.
 Graver Co. The—654/Mas/92.
 Green Cross Corporation, The—588/Mas/92.
 Guala, S.P.A.—623/Mas/92.

—H—

Haldor Topsoe A/S.—591/Mas/92.
 Hartal, J.—535/Mas/92.
 Hemlin Transmission Corporation.—528/Mas/92.
 Hendricus, C. (Liet.)—700/Mas/92, 701/Mas/92.
 Henkel Kommanditgesellschaft auf Aktien.—503/Mas/92.
 Hercules Incorporated.—755/Mas/92.

Name and Application No.

—N—

Himont Incorporated.—509/Mas/92.
 Hoechst Aktiengesellschaft.—469/Mas/92, 502/Mas/92, 631/Mas/92, 649/Mas/92, 720/Mas/92.
 Horizon Calenders, M/s.—688/Mas/92.
 Huwood International Ltd.—560/Mas/92, 679/Mas/92.
 Hydromatic Ltd.—672/Mas/92.

—I—

IFF Labs Ltd.—513/Mas/92.
 IMC Fertilizer, Inc.—663/Mas/92.
 Indian Institute of Science.—489/Mas/92, 490/Mas/92, 491/Mas/92, 492/Mas/92.
 Institut Francais Du Petrole.—596/Mas/92, 641/Mas/92.
 Interbold.—696/Mas/92.
 International Business Machines Corp.—655/Mas/92, 656/Mas/92, 657/Mas/92, 658/Mas/92.
 Inventio AG.—652/Mas/92, 669/Mas/92.
 Ireco Incorporated.—484/Mas/92.

—K—

Kabushiki Kaisha Toshiba.—599/Mas/92.
 Katyal, J. C. (Dr.)—698/Mas/92.
 Keen, B. T.—681/Mas/92.
 Kinetics Technology International Corporation.—626/Mas/92.
 Koleske, J. V.—681/Mas/92.
 Kumar, K. N. S.—753/Mas/92.
 Kvaerner Engineering A.S.—738/Mas/92, 739/Mas/92, 740/Mas/92, 741/Mas/92, 742/Mas/92, 743/Mas/92.

—L—

L. & T McNeil Ltd.—647/Mas/92, 729/Mas/92, 752/Mas/92, 774/Mas/92.
 Lam, D. C. S.—486/Mas/92.
 Leirivaara, C.—478/Mas/92.
 Lonza Ltd.—538/Mas/92, 709/Mas/92, 771/Mas/92.
 Lucas Industries Public Ltd.—687/Mas/92, 718/Mas/92.
 Lucas—TVS Ltd.—741/Mas/92, 765/Mas/92.
 Lu, T. H.—557/Mas/92.

—M—

MK Electric Ltd.—636/Mas/92.
 M. R. F. Ltd.—770/Mas/92.
 Mannesmann Aktiengesellschaft.—692/Mas/92, 737/Mas/92, 775/Mas/92.
 Markel Corporation.—659/Mas/92, 660/Mas/92.
 Maschinenfabrik Rieter AG.—477/Mas/92, 517/Mas/92, 593/Mas/92, 697/Mas/92, 760/Mas/92.
 Mauser-Werke GmbH.—510/Mas/92.
 Mayande, V. M.—698/Mas/92.
 Meillor S. A.—604/Mas/92.
 Melbourne Water Corporation.—546/Mas/92.
 Membrane Products Kiryat Weizmann Ltd.—521/Mas/92, 522/Mas/92.
 Minnesota Mining and Manufacturing Co.—586/Mas/92, 678/Mas/92.
 Mohan, E. S.—746/Mas/92.
 Monsanto Co.—682/Mas/92.
 Moore Products Co.—499/Mas/92, 500/Mas/92, 504/Mas/92, 662/Mas/92.
 Motorola Inc.—537/Mas/92.
 Mullemberg, R.—547/Mas/92.

N. V. Raychem S.A.—748/Mas/92.
 Nagaoka International Corporation.—647/Mas/92, 629/Mas/92, 750/Mas/92, 751/Mas/92.
 Nair, C. S. B. (Dr.)—519/Mas/92, 520/Mas/92, 607/Mas/92, 608/Mas/92.
 Naturajan, C. V.—578/Mas/92, 579/Mas/92.
 Nippon Sinyaku Co. Ltd.—666/Mas/92.
 Nokia-Maillefer Holding S.A.—514/Mas/92, 515/Mas/92, 527/Mas/92.
 Nutrine Confectionery Co. Ltd.—552/Mas/92.

—O—

Ocular Research of Boston, Inc.—575/Mas/92.

—P—

Palitex Projekt Co. GmbH.—568/Mas/92.
 Pall Corporation, The.—653/Mas/92.
 Permascand AB—565/Mas/92.
 Pfister GmbH.—549/Mas/92.
 Phoenix Display Corporation.—708/Mas/92.
 Phoenix Lamp Pvt. Ltd., (Messrs)—767/Mas/92.
 Podell, H. I.—693/Mas/92.
 Prasad, K.—683/Mas/92.

—Q—

QED, Inc.—508/Mas/92.

—R—

Raghunandan, M.—540/Mas/92, 541/Mas/92, 717/Mas/92.
 Ramachandran, S. (Dr.)—632/Mas/92.
 Ramarathanam, V.—559/Mas/92.
 Rao, P. B. L.—569/Mas/92.
 Rao, P. V. P. (Dr.)—768/Mas/92.
 Ravindranath, P. (Dr.)—704/Mas/92.
 Recticel Holding Noord BV.—674/Mas/92.
 Riter Ing.-Ist.-Stadt.—759/Mas/92, 772/Mas/92, 773/Mas/92.
 Rieter Ingolstadt Spinneriemaschinenbau Aktiengesellschaft.—562/Mas/92, 563/Mas/92, 567/Mas/92, 585/Mas/92, 600/Mas/92, 620/Mas/92, 621/Mas/92, 622/Mas/92, 733/Mas/92, 734/Mas/92, 735/Mas/92.
 Rite Lite USA, Inc.—597/Mas/92.
 Robowash Pty. Ltd.—726/Mas/92.
 Rockwell International Corporation.—699/Mas/92.
 Romagnoli, M.—574/Mas/92.
 Rubinstein, A.—693/Mas/92.

—S—

S & S Power Switchgear Ltd.—764/Mas/92.
 S M S Schloemann-Siemag Aktiengesellschaft.—548/Mas/92, 635/Mas/92.
 Saadhali, S.A.—488/Mas/92.
 Sabaapathy, N.—505/Mas/92.
 Sandoz Ltd.—627/Mas/92.
 Sandvik AB.—611/Mas/92.
 Sankari Drug Dasappa Govindarajulu—754/Mas/92.
 Sastry, C. S.—480/Mas/92.
 Schlumberger Industries, Inc.—728/Mas/92.
 Schreiber Foods, Inc.—665/Mas/92.
 Schubert & Salzer Maschinenfabrik Aktiengesellschaft.—482/Mas/92.
 Secheran SA.—523/Mas/92.
 Selvakumar, C.—530/Mas/92.

Name and Application No.	DELHI
Sepracor, Inc.—474/Mas/92.	(687/Del/92 to 1288/Del/92)
Seshadri, C. V.—643/Mas/92.	<i>Name and Application No.</i>
Seshadri, K.—559/Mas/92.	—A—
Shell International Research Maatschappij B.V.—628/Mas/92, 630/Mas/92.	A C B.—817/Del/92.
Shepherd, D. W.—471/Mas/92, 472/Mas/92, 473/Mas/92.	A P V Corporation Ltd.—826/Del/92.
Shet, G. V.—624/Mas/92, 650/Mas/92, 691/Mas/92.	AVL Gesellschaft Fur Verbrennungs-Kraftmaschinen Und Messtechnik MbH.—734/Del/92.
Sintetica S.A.—749/Mas/92.	Agarwal, R.—963/Del/92, 1048/Del/92 .
Smith, G. L.—727/Mas/92.	Agarwal, S. P.—963/Del/92.
Smithkline Beecham Plc.—638/Mas/92.	Aktiebolaget Astra.—888/Del/92, 1057/Del/92, 1058/Del/92, 1099/Del/92, 1184/Del/92.
Societe Des Produits Nestle S.A.—550/Mas/92, 551/Mas/92, 609/Mas/92, 610/Mas/92, 711/Mas/92, 722/Mas/92.	Albright & Wilson Ltd.—690/Del/92, 746/Del/92, 840/Del/92, 869/Del/92.
Societe Nationale Elf Aquitaine (Production)—614/Mas/92.	Alcan International Ltd.—1112/Del/92.
Solvay Interlox Ltd.—625/Mas/92.	Alimpiev, S.—857/Del/92.
South India Textile Research Association, The—493/Mas/92, 766/Mas/92.	Allied-Signal Inc.—748/Del/92, 1166/Del/92, 1204/Del/92, 1261/Del/92.
Srinivasan, T.—466/Mas/92.	American Safety Razor Co.—1193/Del/92.
Sterimetic Holdings Ltd.—592/Mas/92 .	Anand, S. (Dr.)—1079/Del/92 .
Stork Ketes B.V.—494/Mas/92. i	Anne, V. S.—1254/Del/92.
Sturm, Ruger & Company, Inc.—485/Mas/92.	Arbed S.A.—757/Del/92.
Sundhareshan, N.—703/Mas/92.	Asea Brown Boveri AB.—770/Del/92, 940/Del/92, 941/Del/92.
Suresh, T. V. (Mr.)—632/Mas/92.	Aternum S.r.l.—1160/Del/92.
Sunkyong Industries Co. Ltd.—769/Mas/92.	—B—
Sunny Valley Poultry Ltd.—605/Mas/92.	BBA Canada Ltd.—708/Del/92 .
—T—	B. F. Goodrich Co. The—1134/Del/92, 1154/Del/92, 1155/Del/92.
Tecumseh Products Co.—719/Mas/92 .	B. P. Chemicals Ltd.—719/Del/92, 836/Del/92, 885/Del/92, 917/Del/92.
Thaikattil J. (Dr.)—725/Mas/92.	B. P. Solar Ltd.—920/Del/92, 1028/Del/92.
Thermore (Far East) Ltd.—715/Mas/92.	Babu, B. R.—891/Del/92.
Transcom Gas Technologies Pty. Ltd.—644/Mas/92, 645/Mas/92.	Bagratashvili, V.—857/Del/92.
Tube Investments of India Ltd.—615/Mas/92, 639/Mas/92, 668/Mas/92.	Balcke-Durr Aktiengesellschaft.—1069/Del/92.
—U—	BASF Lacke + Farben Aktiengesellschaft.—1043/Del/92.
Union Oil Company of California—633/Mas/92.	Batra Associates Ltd.—944/Del/92.
University of Connecticut—670/Mas/92.	Bausch & Lomb Incorporated.—798/Del/92, 799/Del/92, 800/Del/92, 1016/Del/92, 1017/Del/92, 1018/Del/92.
University of Florida—713/Mas/92.	Bayer Aktiengesellschaft.—709/Del/92.
Urea Casale S.A.—648/Mas/92, 732/Mas/92.	Behl, I. K.—850/Del/92.
—V—	Bendix Ltd.—931/Del/92.
Varta Batterie Aktiengesellschaft.—483/Mas/92.	Bergwerksverband GmbH.—1098/Del/92.
Vatsala, T. M.—643/Mas/92.	Best Industries, Inc.—745/Del/92.
Vijayan, S. K.—671/Mas/92.	Bhat, H.M.S.—696/Del/92.
Vijayan, T. A.—506/Mas/92, 507/Mas/92.	Bhalla, G. L.—857/Del/92.
Vilangadan, J.—689/Mas/92.	Bhatnagar, A. K.—824/Del/92, 841/Del/92, 1022/Del/92, 1254/Del/92.
—W—	Bhatnagar, C. P.—1021/Del/92.
W. L. Gore & Associates (UK) Ltd.—730/Mas/92.	Bhattacharya, A.—698/Del/92.
Warwick International Group Ltd.—602/Mas/92.	Bhattacharya, S.—698/Del/92.
Whiteker, G. T.—516/Mas/92 .	Bhattacharyya, A. B.—1206/Del/92, 1207/Del/92, 1208/Del/92.
Wadia (India) Ltd.—518/Mas/92 .	Blanchard, P.—744/Del/92.
Worldwide Building Systems NV.—721/Mas/92.	Bofors AB.—807/Del/92, 808/Del/92.
—Z—	Borodulin, G.—843/Del/92.
Zellweger Uster AG.—570/Mas/92.	Bose, G.—1209/Del/92.
Zeppelin Schuttguttechnik GmbH.—642/Mas/92.	Bradford, R. W.—819/Del/92.
	British Petroleum Co. P.L.C.—917/Del/92.
	British Railways Board.—1044/Del/92.
	British Technology Group Ltd.—1162/Del/92.

—C—

CIBA-Geigy AG.—811/Del/92, 894/Del/92.
 Calgene, Inc.—1067/Del/92.
 Carrier Corporation.—1214/Del/92, 1215/Del/92.
 Central Electronics Ltd.—835/Del/92.
 Chandra, H. Dr. (Prof.)—899/Del/92.
 Chaudhary, P.—772/Del/92.
 Chaudhury, S. N. R.—1059/Del/92, 1201/Del/92, 1202/Del/92.
 Chemical Research & Licensing Co.—853/Del/92.
 Chief Controller Research & Development, The—704/Del/92, 797/Del/92, 815/Del/92, 823/Del/92, 858/Del/92, 1244/Del/92.
 Clupak, Inc.—1086/Del/92.
 Colgate Palmolive Co.—759/Del/92, 985/Del/92, 1004/Del/92, 1074/Del/92, 1189/Del/92, 1190/Del/92, 1191/Del/92.
 Coventry University—968/Del/92.
 Coppage, E. A.—1100/Del/92.
 Coppage, R. W.—1100/Del/92.
 Corning Incorporated.—912/Del/92, 1006/Del/92, 1042/Del/92.
 Cosmo Films Ltd.—1145/Del/92.
 Cote, A. L. (Sr.)—755/Del/92.
 Council of Scientific & Industrial Research—697/Del/92, 725/Del/92, 726/Del/92, 727/Del/92, 774/Del/92, 775/Del/92, 776/Del/92, 777/Del/92, 778/Del/92, 801/Del/92, 802/Del/92, 803/Del/92, 804/Del/92, 805/Del/92, 829/Del/92, 830/Del/92, 831/Del/92, 832/Del/92, 844/Del/92, 845/Del/92, 846/Del/92, 851/Del/92, 852/Del/92, 879/Del/92, 880/Del/92, 881/Del/92, 882/Del/92, 883/Del/92, 895/Del/92, 896/Del/92, 897/Del/92, 898/Del/92, 921/Del/92, 922/Del/92, 923/Del/92, 924/Del/92, 925/Del/92, 926/Del/92, 927/Del/92, 928/Del/92, 929/Del/92, 969/Del/92, 970/Del/92, 971/Del/92, 972/Del/92, 973/Del/92, 974/Del/92, 992/Del/92, 993/Del/92, 994/Del/92, 997/Del/92, 998/Del/92, 999/Del/92, 1000/Del/92, 1001/Del/92, 1002/Del/92, 1003/Del/92, 1030/Del/92, 1031/Del/92, 1032/Del/92, 1033/Del/92, 1075/Del/92, 1076/Del/92, 1077/Del/92, 1078/Del/92, 1088/Del/92, 1089/Del/92, 1090/Del/92, 1091/Del/92, 1092/Del/92, 1093/Del/92, 1094/Del/92, 1095/Del/92, 1096/Del/92, 1097/Del/92, 1123/Del/92, 1124/Del/92, 1125/Del/92, 1126/Del/92, 1127/Del/92, 1146/Del/92, 1147/Del/92, 1148/Del/92, 1149/Del/92, 1170/Del/92, 1171/Del/92, 1172/Del/92, 1173/Del/92, 1174/Del/92, 1175/Del/92, 1176/Del/92, 1177/Del/92, 1178/Del/92, 1230/Del/92, 1231/Del/92, 1232/Del/92, 1233/Del/92, 1234/Del/92, 1235/Del/92, 1236/Del/92, 1237/Del/92, 1238/Del/92, 1239/Del/92, 1240/Del/92, 1241/Del/92, 1242/Del/92, 1273/Del/92, 1274/Del/92, 1275/Del/92, 1276/Del/92, 1277/Del/92, 1278/Del/92, 1279/Del/92, 1280/Del/92, 1281/Del/92, 1282/Del/92, 1283/Del/92, 1284/Del/92, 1285/Del/92, 1286/Del/92.
 Courtaulds PLC.—1107/Del/92, 1168/Del/92.

—D—

Dabhokar, D. A.—857/Del/92.
 Danochemo A/S.—796/Del/92.
 Dassault Aviation—1117/Del/92.
 Datta, K.—891/Del/92.
 David, T. J.—737/Del/92.
 Davy McKee (Stockton) Ltd.—818/Del/92.
 De La Rue Giori S.A.—874/Del/92, 892/Del/92.
 Delsey—1228/Del/92, 1229/Del/92.
 Denny Bros Printing Ltd.—1226/Del/92.
 Deutsche Airbus GmbH.—1068/Del/92.
 Dipty Lal Judge Mal Pvt. Ltd.—964/Del/92.
 Director, Central Pulp and Paper Research Institute, The—1245/Del/92.
 Director General, National Informatics Centre—990/Del/92, 991/Del/92.

Dolan, T. D.—769/Del/92.
 Domino Printing Sciences PLC.—946/Del/92, 1119/Del/92.
 Dorr-Oliver Incorporated.—1005/Del/92, 1102/Del/92.
 Dr. Beck & Co. Aktiengesellschaft—1118/Del/92.
 Duracell Inc.—707/Del/92, 738/Del/92.
 Dutt, J. C.—821/Del/92.
 Dutt, R. K.—821/Del/92.

—E—

E L F Atochem S.A.—732/Del/92.
 E.R. Squibb & Sons, Inc.—1104/Del/92, 1109/Del/92, 1111/Del/92.
 E.R.T. Environmental Research Technology K.S.P.W. Inc.—1269/Del/92.
 Eastman Kodak Co.—866/Del/92, 1212/Del/92.
 Emhart Glass Machinery Investments Inc.—950/Del/92, 951/Del/92.
 Ericsson Ge Mobile Communication Inc.—691/Del/92.
 Esco Corporation.—1223/Del/92.
 Exxon Chemical Patents Inc.—705/Del/92, 706/Del/92, 715/Del/92, 827/Del/92, 918/Del/92, 919/Del/92, 1070/Del/92, 1073/Del/92.
 Exxon Research and Engineering Co.—1037/Del/92.

—F—

Felice Pecorari—1260/Del/92.
 Ferodo Ltd.—1044/Del/92.
 Fredrik Mogensen AG.—865/Del/92.
 Freezland Refrigeration Corporation.—842/Del/92.
 Fullerton, L. W.—1040/Del/92, 1041/Del/92.

—G—

GEC Alsthom SA.—786/Del/92, 961/Del/92, 1054/Del/92, 1055/Del/92, 1056/Del/92.
 Gagneja, R. K.—1259/Del/92.
 Gamkhar, D.—1165/Del/92.
 Garot, W.—747/Del/92.
 Gemstar Development Corporation.—735/Del/92.
 General Electric Co.—872/Del/92, 873/Del/92, 906/Del/92, 907/Del/92, 908/Del/92, 909/Del/92, 910/Del/92, 911/Del/92, 1105/Del/92.
 George, E. (Mrs.)—962/Del/92.
 Ghulam Rasool Wani—788/Del/92.
 Gillette Co., The—893/Del/92, 979/Del/92, 1050/Del/92, 1063/Del/92, 1101/Del/92.
 Gill, I. S.—1259/Del/92.
 Glaverbel—904/Del/92.
 Glaxo Group Ltd.—1137/Del/92.
 Goel, S.—1039/Del/92.
 Goodyear Tire & Rubber Co. The—714/Del/92.
 Gould Inc.—713/Del/92, 728/Del/92.
 Guardian Industries Corp.—1080/Del/92.
 Guha, S. K.—1079/Del/92.
 Gupta, A. A.—824/Del/92, 1254/Del/92.
 Gupta, A. K.—841/Del/92.
 Gupta, S.—740/Del/92.
 Gupta, S. K.—712/Del/92.

—H—

Haining, M. L.—854/Del/92.
 Hemagen/PFC.—1052/Del/92.
 Honda Gken Kogyo Kabushiki Kaisha.—703/Del/92, 1194/Del/92.
 Hughes Aircraft Co.—1227/Del/92, 1288/Del/92.

—I—

I C I Canada, Inc.—701/Del/92.
 I.E.I. Pty. Ltd.—932/Del/92.
 Ide, R. D.—978/Del/92.
 Imperial Chemical Industries PLC.—717/Del/92, 752/Del/92, 806/Del/92, 905/Del/92, 948/Del/92, 1007/Del/92, 1103/Del/92, 1120/Del/92, 1157/Del/92, 1159/Del/92, 1203/Del/92.
 Indian Institute of Technology.—834/Del/92.
 Indo Fuel & Energy Ltd.—1045/Del/92.
 Ingersoll Rand Co.—718/Del/92, 781/Del/92, 1019/Del/92, 1135/Del/92.
 International Business Machines Corporation.—810/Del/92, 1065/Del/92, 1066/Del/92.
 Interlox International.—1136/Del/92.
 Ireco Incorporated.—1035/Del/92.

—J—

Jado Corporation.—787/Del/92.
 Jain, A. K.—716/Del/92.
 Jain, M. C.—1254/Del/92.
 Jain, S. S.—1213/Del/92.
 Jeggamabe—833/Del/92.
 Johnson, T. R.—755/Del/92.
 Jose Manuel Rodriguez Ferre.—1049/Del/92.
 Joseph, T. G.—962/Del/92.
 Joshi, M.—1029/Del/92

—K—

Kabir, M.—864/Del/92.
 Kabra, G. K.—765/Del/92, 766/Del/92, 855/Del/92, 1116/Del/92.
 Kaushika, N. D.—822/Del/92.
 Kapoor, S. P.—1053/Del/92.
 Karm Home Appliances Pvt. Ltd.—995/Del/92, 996/Del/92.
 Kashyap, A. K.—841/Del/92.
 Keravision, Inc.—1158/Del/92.
 Khanna, P. Miss (Retd.)—1258/Del/92.
 Kraft General Foods, Inc.—987/Del/92.
 Kumar, A.—1022/Del/92.
 Kumar, A. R.—870/Del/92.
 Kumar, R.—1046/Del/92, 1047/Del/92.
 Kwok, D. S.—878/Del/92.

—L—

L' Air Liquide, Societe Anonyme Pour L'Etude Et L'Exploitation Des Procedes Georges Claude.—1210/Del/92.
 Laustizer Braunkohle Aktiengesellschaft (Laubag).—709/Del/92.
 Leader Forge India Pvt. Ltd.—1192/Del/92.
 Lean Power Corporation.—773/Del/92.
 Lee, S.—1181/Del/92.
 Lenex Institute of Water Technology, Inc.—785/Del/92.
 Lexmark International, Inc.—1034/Del/92.
 Lourence Cornelius Johannes Greyvenstein.—1020/Del/92.
 Lubrizol Corporation, The 692/Del/92, 739/Del/92, 784/Del/92, 902/Del/92, 934/Del/92, 935/Del/92, 936/Del/92, 937/Del/92, 976/Del/92, 977/Del/92, 1038/Del/92.
 Luigi Stoppani S.P.A.—1224/Del/92.

—M—

Maitra, U. K.—756/Del/92, 981/Del/92.
 Martin, V.—1254/Del/92.
 Maschinenfabrik Sulzer-Burckhardt AG.—839/Del/92.
 Mas'er S.A.S. Di Ronchi Francesco & C.—837/Del/92.
 Maforsk Norwegian Food Research Institute—916/Del/92.
 Mazurik S. M.—1106/Del/92.
 McDonald, G. W.—789/Del/92.
 Metagart, S. I.—886/Del/92.
 Mechanical Plastics Corporation.—967/Del/92.
 Merritt, D.—968/Del/92.
 Midtec, Inc.—875/Del/92.
 Minister of Agriculture Fisheries and Food in her Britannic Majesty's. The—793/Del/92, 794/Del/92, 795/Del/92.
 Minitek Feinmechanische Produkte Gesellschaft mbH.—710/Del/92.
 Misra, A. K.—824/Del/92, 841/Del/92, 1254/Del/92.
 Mittal, V.—698/Del/92.
 More Print (P) Ltd.—1156/Del/92.
 Morgan Construction Co.—1225/Del/92.
 Motorola Inc.—730/Del/92, 731/Del/92, 743/Del/92, 848/Del/92, 1161/Del/92.
 Murali, J.—1110/Del/92.

—N—

Nalhani, K. P.—1022/Del/92.
 Narayan, K.—933/Del/92.
 Narayan, P.—843/Del/92.
 Nigam, J. K.—857/Del/92.
 Norsk Hydro A.S.—771/Del/92, 1185/Del/92.
 Northgate Holdings Ltd.—733/Del/92.

—O—

Orbital Engine Co. (Australia) Pty. Ltd.—960/Del/92.

—P—

P S I Medical Products Inc.—867/Del/92.
 Pandrol Ltd.—1195/Del/92, 1196/Del/92, 1197/Del/92.
 Patwardhan, A. K.—820/Del/92.
 Paulus Manders—736/Del/92.
 Paul Wurth S.A.—779/Del/92, 1150/Del/92, 1218/Del/92.
 Pelican Crafts Pvt. Ltd.—942/Del/92.
 Persidsky, M.—843/Del/92.
 Pfizer Inc.—694/Del/92, 695/Del/92, 780/Del/92, 1026/Del/92, 1071/Del/92.
 Piaggio Veicoli Europei S.P.A.—1121/Del/92.
 Plurichemie Anstalt.—1243/Del/92.
 Polyfibre S.A.—689/Del/92.
 Prakash, S.—1254/Del/92.
 Praxair Technology, Inc.—1138/Del/92.
 Preemptive Technologies, Inc.—749/Del/92.
 Procter & Gamble Co. The—720/Del/92, 721/Del/92, 722/Del/92, 723/Del/92, 724/Del/92, 742/Del/92, 750/Del/92, 751/Del/92, 760/Del/92, 761/Del/92, 762/Del/92, 763/Del/92, 764/Del/92, 791/Del/92, 796/Del/92, 813/Del/92, 814/Del/92, 847/Del/92, 862/Del/92, 863/Del/92, 884/Del/92, 900/Del/92, 901/Del/92, 952/Del/92, 953/Del/92, 954/Del/92, 955/Del/92, 956/Del/92, 957/Del/92, 958/Del/92, 1008/Del/92, 1009/Del/92, 1010/Del/92, 1023/Del/92, 1060/Del/92, 1061/Del/92, 1082/Del/92, 1083/Del/92, 1084/Del/92, 1085/Del/92, 1087/Del/92, 1113/Del/92, 1114/Del/92, 1115/Del/92, 1144/Del/92, 1179/Del/92, 1180/Del/92, 1198/Del/92, 1199/Del/92, 1200/Del/92, 1221/Del/92, 1257/Del/92.

—Q—

Qidwai, M. S.—792/Del/92.

—R—

R & D Centre of Porritts & Spencer (Asia) Ltd.—812/Del/92.

RWE-DEA Aktiengesellschaft Fur Mineraloel Und Chemie.—790/Del/92.

Racold Appliances Ltd.—966/Del/92.

Rai, M. M.—1022/Del/92, 1254/Del/92.

Ram, M.—822/Del/92.

Ranbaxy Laboratories Ltd.—700/Del/92, 1014/Del/92.

Randolph-Rand Corporation.—1036/Del/92.

Rathore, B. C.—1048/Del/92.

Reichner, T. W.—741/Del/92.

Reliance Electric Co.—1186/Del/92.

Retrax, Inc.—877/Del/92.

Rhone-Poulenc Chime.—889/Del/92.

Rhone-Poulenc Rorer S.A.—1255/Del/92, 1256/Del/92.

Richardson Vicks, Inc.—1011/Del/92, 1012/Del/92, 1013/Del/92, 1141/Del/92, 1142/Del/92, 1143/Del/92.

Rohm & Haas Co.—699/Del/92, 753/Del/92, 876/Del/92, 913/Del/92, 914/Del/92, 930/Del/92, 942/Del/92, 947/Del/92, 982/Del/92, 1128/Del/92, 1129/Del/92, 1130/Del/92, 1131/Del/92, 1151/Del/92, 1163/Del/92, 1164/Del/92, 1216/Del/92, 1217/Del/92.

Rosink Gmb H & Co. KG.—809/Del/92.

Rothmans, Benson & Hedges Inc.—988/Del/92, 989/Del/92.

Roussel—Uclaf.—1027/Del/92.

Royal Appliance Mfg. Co.—1219/Del/92, 1220/Del/92.

—S—

Saha, R. S.—1206/Del/92, 1207/Del/92, 1208/Del/92.

Sah Industrial Research Institute.—687/Del/92, 688/Del/92, 945/Del/92, 1132/Del/92.

Samir, M.—864/Del/92.

Sariska Bloritm International Group—1169/Del/92.

Saxena, A. K.—1081/Del/92.

Sayanna, E.—1022/Del/92.

Selex Holding A.G.—1062/Del/92.

Sharma, J. K.—871/Del/92.

Sharma, P. P.—822/Del/92.

Sharma, S. P.—1072/Del/92.

Shell International Research Maatschappij B.V.—729/Del/92, 758/Del/92, 1133/Del/92, 1211/Del/92.

Sherwood, W. L.—1051/Del/92.

Shkolnik, A.—843/Del/92.

Shriram Industrial Enterprises Ltd.—860/Del/92.

Shriram Institute for Industrial Research—767/Del/92, 768/Del/92.

Siddiqui, E. U.—856/Del/92.

Simmons—Rand Co.—702/Del/92.

Singh, M. K.—861/Del/92.

Singh, V. K.—1122/Del/92.

Sinha, K. M. (Dr.)—859/Del/92.

Sinharay, S.—841/Del/92.

Sintermetallwerk Krebsooge GmbH.—915/Del/92.

Sir Padampat Research Centre—939/Del/92, 975/Del/92.

Sivram, S.—841/Del/92.

Societe De Conseils De Recherches Et D'Applications Scientifiques (S.C.R.A.S.)—1152/Del/92, 1187/Del/92, 1188/Del/92.

Societe De Fabrication D'Instruments Le Mesure.—1287/Del/92.

Solvay, S.A.—938/Del/92, 984/Del/92.

Sony Corporation.—754/Del/92, 849/Del/92, 903/Del/92, 980/Del/92, 1064/Del/92.

Standard Oil Co. The—783/Del/92, 983/Del/92, 1205/Del/92.

Steel Authority of India Ltd.—782/Del/92, 887/Del/92.

Stein Industrie—1222/Del/92.

Stelco Inc.—693/Del/92.

Sterling Winthrop Inc.—1153/Del/92.

Subterranean System Pte. Ltd.—986/Del/92.

Suri, R. K.—1015/Del/92.

Swami, K. K.—824/Del/92, 1254/Del/92.

—T—

T R W Vehicle Safety Systems Inc.—711/Del/92.

Tambranda Inc.—1139/Del/92, 1140/Del/92, 1182/Del/92, 1183/Del/92.

Telefonaktiebolaget LM Ericsson.—1262/Del/92.

Tomsky Gosudarstvenny Universitet Imeni V. V. Kuibysheva—890/Del/92.

Tripathi, P. C. (Shri)—949/Del/92.

Tyagi, R. K.—891/Del/92.

—U—

UOP—838/Del/92, 959/Del/92.

Unitech Engineering International—965/Del/92.

University of Toronto Innovations Foundation, The—868/Del/92.

Uphadayay, V. K.—841/Del/92.

—V—

VON Duprin, Inc.—1024/Del/92, 1025/Del/92.

Venkatesan, S.—825/Del/92.

Verma, A. S.—1022/Del/92.

Verma, R. C.—1246/Del/92, 1247/Del/92, 1248/Del/92, 1249/Del/92, 1250/Del/92, 1251/Del/92, 1252/Del/92, 1253/Del/92.

Voest—Alpine Industrieanlagenbau GmbH.—1167/Del/92.

—W—

W. R. Grace & Co. Conn.—828/Del/92.

Westinghouse Air Brake Co.—1108/Del/92.

Whirlpool Corporation.—1263/Del/92, 1264/Del/92, 1265/Del/92, 1266/Del/92, 1267/Del/92, 1268/Del/92.

Whitaker Corporation, The—1270/Del/92, 1271/Del/92, 1272/Del/92.

—Y—

Yent, G. D.—819/Del/92.

Yuen, H. C. C.—878/Del/92.

LIST NO. I FOR ELECT. ENGG.

COMMERCIAL WORKING OF PATENTED INVENTIONS.

The following Patents in the field of Electrical Engineering Industry are not being commercially worked in India as admitted by Patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970 in respect of calendar Year 1991 generally on account of want of request for licences to work the patented invention, persons who are interested to work the said patents commercially may contact the Patentees for the grant of a license for the purpose.

Patent No.	Date of Patent	Name and Address of Patentee	Title of the invention
1	2	3	4
161036	28-7-1983	Adrian March Ltd., 7 Argyle close, whitehall, Bordon, Hampshire GU 35, 9PU. England.	Position sensor.
153536	24-12-1980	Asahi Kasei Kogyo Kabushiki Kaisha, 2-6 Dojimahama, 1-chome, Kitaku, Osaka-shi, Osaka, Japan.	A method for the preparation of a hydrogen-evolution electrode.
161949	18-6-1984	Asahi Kasei Kogyo Kabushiki Kaisha, of 2-6 Dojimahama, 1, chome, Kitaku, Osaka-shi, Osaka, Japan.	Process for separating borate ions from Aqueous solution by absorption.
162105	29-10-1983	Asea-Jumet, Societe Anonyme, Zoning Industries, B 6040, charleroi-Jumet, Belgium.	A method of manufacturing an auto-regerable capacitor and a capacitor manufactured by that method.
161476	5-9-1983	Chubu Electric Power comp. of 1 Higashishincho Higashi-ku, Nagoya-shi, Aichi-ken, Japan.	Insulator for lighting arrester.
156490	21-5-1982	Chugai Denki, Kogyo, Kabushiki Kaisha, 13/3, Nihonboshi Kayabacho-2-chome-chuo-ku, Tokyo, Japan.	Method of preparing improved electrical contacts made of silver alloy.
152705	16-6-1980	Contraves Italiana s.P.A. Via. Affile, 102-00131, Rome, Italy.	An integrated radar antenna array.
151362	8-3-1979	Energy Conversion, Devices Inc., 1675 West Maple Road, Troy, Michigan, 48084, USA.	A semiconductor device and a method of making the same.
151380	15-3-1979	Do.	A method of producing an amorphous semiconductor film and the film so produced.
155670	15-5-1981	Do.	A method of making p-doped silicon films
156202	9-12-1982	Do.	A single or multiple cell type improved photovoltaic device and a method of making the same.
157288	7-9-1981	Do.	An improved multiple cell photo responsive amorphous device.
157308	7-9-1981	Do.	A method of making an improved photo-responsive amorphous Germanium-based alloy.
157462	27-9-1982	Do.	Multi ple chamber deposition and isolation system for producing a body of material.
157618	25-2-1983	Do.	Improved photovoltaic devices having incident radiation directing means for total internal reflection.
157875	7-2-1983	Do.	A method of fabricating improved photovoltaic devices.
160085	13-7-1983	Do.	Improved alkaline fuel cell.
160151	5-1-1984	Do.	Electronic matrix arrays and method for making parallel preprogramming or field programming the same.

1	2	3	4
161384	13-7-1983	Energy Conversion Devices.	Fuel cell and an anode withln.
162262	3-1-1984	Energy Conversion Devices of 1675, West Maple Road Troy, Michigan 48084, USA.	Electronic matrix arrays and method for making the same.
162750	3-1-1984	Do.	A flat panel display.
163310	31-1-1984	Do.	Multilayered electronic memory arrays for use in data storage apparatus.
158642	22-4-1983	Fisher Controls International. Inc., 7711 Bonhomme, Clayton, Missouri 63105, USA.	System for controlling the mechanical position of a controlled device.
157552	31-8-1982	FMC Corporation, 200 East Randolph Drive, Chicago, Illinois, 60601, USA.	An active type asynchronous data communications system for transmitting information between a plurality of interconnected and serially arranged terminals.
164539	20-6-1986	Heinz Krug, Care Akademie Meru station 24, NL-6063, NP. Vlochop, Netherland.	Circuit arrangement for testing integrated circuit components.
152456	7-4-1980	Hoechst Ag. 6230, Frankfurt/Main 80, West Germany.	Process for the dechlorination and cooling of the anolyte of the alkali metal chloride electrolysis by pressure release.
150739	13-12-1978	Holec Systemen En Componenten. B. V. Tundorpstraat 61, 7555, CS Hengela C. V. Netherlands.	Three phase vacuum switch or like for interrupting an inductive load in a three phase high voltage net work.
160332	22-2-1984	Hughes Aircraft Co., 200 North sepulveda, E1, Segundo, California 90245, USA.	A dual path optical sensor system.
162453	21-1-1985	Hughes Aircraft Co., 200 Hughes Terrace, P. O. Box 45066, LOS Angeles, California-90045-0066, Bonlevard, State of California 90045.	Non volatile semi conductor memory unit .
162858	18-4-1985	Do.	Method for encapsulating and impregnating article such as electrical components.
163399	18-4-1985	Hughes Aircraft Co., 7200 Hughes Terrace, P. O. Box-45006, Los Angeles, California-900-450066	A method for encapsulating an electrical component.
163399	18-4-1985	Do.	A method for encapsulating an electrical component.
164413	24-7-1985	Do.	Optical path line of sight stabilization apparatus for viewing a target.
157163	14-7-1981	ICI LTD.	Electrode for use in electrolytic cell
158899	8-2-1983	Imperial Chemical Industries Plc.,	A method of manufacturing an electrolytic cell.
159462	7-5-1983	Do.	Electrolytic cell containing gasket having projections and/or recesses.
159902	9-11-1982	Do.	Electrolytic cell of the filter press type.
160013	6-6-1983	Do.	A porous sheet diaphragm of an organic polymeric material for an electrolytic cell and the method of preparation thereof.
162585	19-10-1984	John K. Junkers, 7 Arrowhead Lane Saddle River, NJ 07458, USA.	Manual ratchest torque wrench with amplifier.

1	2	3	4
147951	7-7-1978	Marston Palmer Ltd., Wobaston Road, Fordhiuses, Wolverhampton, WV 1066J, England.	Electrical connector.
153553	7-1-1980	Do.	Impressed current cathodic protection anode assembly.
156670	3-8-1982	Metallurgical & Engineering consultants (India) Ltd., Doranoda, Rancho-834002, Bihar, India.	A fuse failure and non volt, monitoring and protection device for a 3-phase electrical apparatus.
154984	15-3-1982	Minnesota Mining and Manufacturing Company.	An electrical connection for non-prestriped wires.
156898	27-7-1982	Mitsubishi Denki Kabushiki Kaisha.	Input converting circuit.
157937	6-7-1983	Do.	Lighting arrester with leakage current detection.
161010	29-7-1982	Mitsubishi Denki Kabushiki Kaisha, No. 2-3 Marunouchi, 2-chome, Chiyoda-ku, Tokyo, Japan.	A terminal apparatus for a drawer type relay.
156318	13-7-1982	Northern Engineering Industries Plc., NE1 House, Regent Centre, New Castle Upon Tyne, NE3 35B, England.	Circuit breaker.

MECH. & GEN. LIST NO. 1.

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following Patents in the field of mechanical & General Engineering Industry, are not being commercially worked in India as admitted by Patentees in the statements filed by them under section 146(2) of the Patents Act, 1970 in respect of calendar year 1991 generally on account of want of request for licences to work the patented invention. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a licence for the purpose.

Patent No.	Date of Patent	Name & Address of the Patentee	Title of the invention
1	2	3	4
162969	3-10-1985	AE BISHOP 19, Buffalo Road, Gladsville, New South Wales, Commonwealth of Australia.	A die Head for a Roll imprinting machine.
148043	12-12-1978	Ahmedabad Textile Industry's Research Association (ATRA), P. O. Polytechnic, Ahmedabad-380015, Gujarat, India.	A method and equipment for recovery of high boiling petroleum fractions and for terpentine present in a gaseous mixture issuing as exhaust from textiles and like dryers.
148672	12-12-1978	Do.	A novel process and apparatus to recovers steam and hot water from blow-down water of a boiler.
150458	9-2-1982	Do.	Beat-up mechanism for looms particularly used in wave line weaving machine.
153812	30-9-1981	Do.	An apparatus for propelling weft thread in a travelling wave shedding loom.
154709	10-6-1982	Do.	Shed forming device for machine weaving looms.
155756	30-8-1982	Do.	Weft replenishing mechanism for travelling wave shedding looms.
157585	6-12-1984	Do.	Improvements in or relating to a bobbin for ring frames used in spinning mills.

1	2	3	4
162595	16-12-1985	Ahmedabad Textile Industry's Research Association (ATRA), P. O. Polytechnic, Ahmedabad-380015 Gujarat, India.	A mechanism for absorbing the extra momentum of the moving parts in checking of shuttle on automatic/non-automatic under pick/overpick looms.
161596	16-12-1985	Do.	A mechanism for absorbing the extra momentum of the moving parts in picking on automatic/non-automatic overpick looms.
150980	28-11-1978	Albe S.A., 6982, Agno, Switzerland.	A device for edging the points of ball pens in particular those made of hard material.
161130	30-1-1984	Alejandro Stein, Residencias Sierra Nevada, Calle chula Vista, Chula Vista Las Mercedes, Caracas, Venezuela.	An end connector for connecting two or more hollow tubular structural numbers.
157843	16-6-1982	Antoine Di Settembrini Le Lubrier, 84480, Bonniex, France.	Method and apparatus for the production of containers from plastic material.
159386	25-1-1984	ARAP. Applications Rationnelles de la Physique, 70 Rue Yvan Tiourgue Neff, 78380, Bougival, France.	A wheel for a centrifugal compressor and a method of making such a wheel.
157839	17-12-1982	Arthur Ernest Bishop, 17 Burton Street, Morman, New South Wales, Australia.	Rack and pinion steering gear.
158109	4-6-1983	Do.	Method and apparatus for making steering rack bars.
164302	7-8-1985	Arthur Ernest Bishop 17, Burton Street Mosman, New South Wales, Australia.	Hydraulic control valve for a power assisted steering system for a vehicle.
164346	19-3-1986	Arthur Ernest Bishop and KL, 19 BUFFALO Road, Gladesville, New South Wales, Commonwealth of Australia.	Core for a rotary valve for a power steering system.
165049	3-10-1987	Do.	Apparatus for imprinting of edges of grooves in valves cores for Rotary valves for use in power steering gear.
164075	8-5-1985	Asahi Kasei Kogyo, Kabushiki Kaisha, 2-6 Dojimahama 1-Chome Kita-ku, Osaka-shi, Osaka, Japan.	A low temperature draft cutting process and apparatus for the preparation of discontinuous filament bundles.
152513	6-12-1979	A/S. N. Foss Electric 69 Slangerupgade, 3400 Hillerod, Denmark.	Apparatus for the quantitative determination of fat in an aqueous fat emulsion sample.
162760	15-1-1985	AXEL JOHNSON ENGINEERING, of Hamngaran, 60, S-14900, Nynashamn, Sweden.	A plate pack for a lamella separator.
154250	6-3-1981	Beheermaatschappij, H.D. Groeneveld B. V. No. 542, Ringdijk, 2987 Vz Bolnes, The Netherlands.	A fire-proof wall.
150748	2-5-1979	Beloit Corporation Beloit, Wisconsin USA-53511,	Apparatus for reeling a plurality of ribbons particularly from a slit paper web onto a reel spool.
150953	11-8-80	Do.	An improved extended nip press for removing water from a travelling web in a paper machine.
151642	3-9-1979	Do.	Apparatus and method for handling a continuously running creped tissue web.

1	2	3	4
151848	3-9-1979	Beloit Corporation Beloit, Wisconsin USA-53511	A press mechanism for removing liquid from a travelling fibrous web.
152292	29-1-1981	Do.	A press mechanism for removing liquid from a travelling fibrous web.
152559	5-4-1980	Beloit Corporation, Wisconsin 53511, USA.	A paper web making apparatus.
153018	9-3-1981	Do.	A paper web processing apparatus and method of processing the paper web.
154817	3-1-1981	Do.	An apparatus for forming a fibrous web and method of forming the said fibrous web.
156316	1-6-1982	Do.	Improvements in a suction press roll for dewatering a travelling web in a paper making machine.
156488	10-3-1982	Do.	An apparatus for applying coating to both surfaces of a moving web and method of coating by the said apparatus.
156523	5-10-1982	Do.	A blade-type coating applicator for coating travelling paper webs.
157429	3-9-1982	Do.	A blade type fountain coating applicator especially suitable for paper web coating and method thereof.
157753	5-7-1982	Do.	An assembly for collecting a pile of sheets discharged into a collection area from a sheeting machine and transferring said pile away from the collection area.
157983	8-6-1983	Do.	A system or arrangement for driving the rolls in cooperative upper and lower tiers of a paper machine dryer section.
158007	15-9-1983	Do.	Mechanism for drying a travelling web in a dryer drum used in paper making machine.
158402	2-8-1983	Do.	A dryer section for drying a travelling fibrous web such as in a paper making machine.
159200	2-8-1982	Do.	A method and an apparatus for applying coating to paper sheet web.
159583	11-10-1984	Do.	Disc screenshaft and method of and means for manufacturing the same.
159610	18-1-1982	Do.	An apparatus for high speed size application.
159744	2-9-1983	Do.	Improvement in paper making machine and particularly to method and mechanism for positive web press section of the machine.
160723	18-4-1984	Do.	Method and apparatus for deinking fibrous waste paper stock or slurry.
160869	10-8-1984	Do.	Batch digester multi-stage pulping process.

1	2	3	4
160964	2-9-1983	BELOTT CORPORATION OF P. O. Box 300, Beloit, Wisconsin 53511, United States of America.	A press mechanism for removing liquid from a travelling fibrous web.
161023	10-5-1983	Do.	Improved head box assembly used in paper manufacture.
161246	3-9-1984	Do.	A Winder for continuously winding a travelling web onto a roll.
161515	2-12-1983	Do.	Paper board dryer felt run for removal of liquid or moisture from a travelling web.
161698	10-7-1984	Do.	Disk screen apparatus and method of making the same.
161884	20-7-1984	BELOIT WALMSLEY, a British Company, of Wood Street, Bury, Lancashire BL8, 2Q J. England.	Improvements in or relating to twin wire paper forming machines.
161969	5-3-1985	Do.	Press structure in paper making machines.
162165	5-11-1984	Do.	An improved paper machine headbox.
162166	3-12-1984	Do.	Extended nip press.
162485	8-10-1984	Do.	Supercalenders used in paper making machines.
162681	13-9-1983	Do.	Apparatus for effective control of cross-machine moisture profile of a paper web in a paper making machine and method therefor.
162748	28-6-1985	Do.	Machine for winding a web of paper on a roll core.
163080	3-1-1985	Do.	An apparatus for headbox jet velocity measurement.
163194	3-1-1985	Do.	Super calenders.
163353	2-1-1985	Do.	Automatic device for removing curl from a web of open material.
163356	3-10-1985	Do.	Apparatus for the manufacture of paper pulp.
163454	2-4-1985	Do.	Improvement in paper machine head box.
163512	5-3-1985	Do.	Stream heated dryer drum having stationary siphon and spoiler bars and a method of obtaining dried web material therefrom.
163867	1-10-1985	BELOIT CORPORATION, P. O. BOX 350, Beloit, Wisconsin-53511, U.S.A.	Rolls for operating at a predetermined temperature.
164365	2-8-1985	Do.	A winder control for preparing a finished paper roll from a sheet having a predetermined length of sheet material.
164369	14-1-1986	Do.	Apparatus for controlling a paper making refiner.
164787	22-7-1985	Do.	A controlled deflection roll for paper making machine.
165321	6-1-1986	Do.	An extended nip press for paper making machinery.

1	2	3	4
165328	7-4-1986	Do.	Disk screen or like shaft assemblies.
165373	3-5-1985	Do.	Longitudinal cutter apparatus for webs of paper and the like.
165466	3-2-1987	Do.	A valve for controlling both the flow of stream from a stream header and air from an air header in to a stream box of a web drying machine.
150432	24-8-1978	Bera Anstalt Anafalt Mura, of Im lett, 26, Vadus, Principality of Liechtenstein.	Apparatus for the production of carbon black.
161153	21-5-1984	Bergwerksverband GmbH, Franz-Fischer, Weg 61, 4300, Essen 13, West Germany.	Process and device for cleaning of gas mixtures.
152261	8-1-1980	BPB INDUSTRIES LTD, of Ferguson House, 15 Marylebone, Road, London, NW1, England.	A method and apparatus for heat-treating particulate material.
157859	10-3-1983	British Steel Corpn.,	Apparatus for the shaping of materials such as metals, as well as castable non-metallic materials, such as glass.
155423	7-7-1981	Brown & Williamson, Tobacco Corporation, 1600 West Hill, Louisville, Kentucky 40232, USA.	Apparatus for making grooves in tobacco smoke filters.
155856	3-2-1983	Do.	Cigarette filter.
156401	23-2-1982	Do.	Cigarette filter.
157633	2-2-1983	Brown & Williamson, Tobacco Corporation, 1600 West Hill Street, Louisville, Kentucky-40232, USA.	Improvements relating to tobacco smoke filters.
165454	18-4-1986	Byuns Yoo, 616, Daemyung-Dong Nem-ku Daegu-Gi, Korea.	Air ventilator.
154140	9-1-1980	Cavelletto SRL, of Via Bonaldo Stringher 27,00198, Rome, Italy.	Apparatus for unloading dry loads from ship.
165534	20-3-1987	Christian A. Wittke, of Bartenstrasse 17, D-7109, Jagsthausen, Federal Republic of Germany.	A low air resistance illuminated character shaped element.
156557	20-5-1982	Clayton Dewandre Co. Ltd., P. O. BOX 9 Titanic Works, Lincoln, LNS, 7JL, UK.	An improved reciprocating exhaustor driven by diesel engine.
159691	24-11-1983	Conti. Romano, 37 Via, Pler Della, Francesca Prato, Italy.	A postal module.
163076	10-9-1984	Contra Shear Holding Ltd., of 31 Ruskin Street, Parnell, Auckland, New Zealand.	Rotary screen.
159737	15-7-1983	DAIICHI ENGINEERING CO. of 917, KODA-CHO, KAWASHIMA-CHO, HASHIMA-GUN, GIFU-KEN, 483, JAPAN.	Squeeze pump.
164736	22-1-1987	Dansk Industry Syndikat A, Herlev Hovedgade, 15-17 Herlev 2730, Denmark.	A core setter for use in placing one or more cores in the mould impression
165691	1-1-1987	Dansk Industry Syndikat.	A moulding system for making mould parts.
162815	8-5-1985	Development Finance Corpn. of Development Finance Centre Corner, Grey & Featherstone Streets, Wellington.	Improvements in or relating to cyclic shear energy absorbers.
164096	10-5-1985	Do.	A cyclic shear energy absorber.
152170	30-5-1981	DR. C. Otto & Comp. of Christstrasse 94630, Bochum, West Germany.	Closing and opening device for use in coke ovens.

1	2	3	4
152515	7-12-1979	Dr. C. Otto & Comp. GmbH. of Christstrasse, 9, 4630, Bochum West Germany.	Vertical chamber for the continuous dry quenching of coke.
152680	2-6-1980	Do.	A method of renewing the brickwork of coke ovens.
152766	31-10-1980	Do.	Coke car for coke ovens.
153268	2-6-1980	Dr. C. Otto & Comp. GmbH. Do.	A coke oven battery.
153277	4-12-1980	Do.	Door extractor for the closures of horizontal coke ovens.
153338	2-6-1980	Do.	Extraction of gas evolved in the charging of coke ovens.
153339	24-11-1980	Do.	Coke oven battery adapted to be regeneratively heated by lean gas or rich gas at choice.
153570	25-2-1980	Do.	Nozzle provided with several outlet apertures for coke ovens.
155623	12-2-1981	Do.	Apparatus for dry cooling of hot raw coke.
156936	24-12-1982	Do.	Heating system for the regenerative heating of a coke oven battery having twin heating flues.
158142	15-2-1983	Dr. C. Otto & Comp. GmbH. of Christstrasse, 9, 4630, Bochum West Germany.	A temperature measuring means for coke oven chambers walls.
158200	31-12-1983	Do.	Coke oven door.
158919	19-12-1983	Do.	Device for levelling the coal charged into the coking chamber of a coke oven.
155608	1-10-1981	Dresser U. K. Ltd., 197 Knights bridge, London SW 7 1 RJ, England.	A method and apparatus for treating a polluted gas with a liquid.
159094	3-9-1983	Dr. Hans-George Bochum, of Kellegrundweg, 13, 6242 Kronberg/Taunus, West Germany.	Steam pressure cooker.
150301	18-6-1979	Dr. Werner Freyberg, Chemische Fabrik Delitia Nachf, Bergstrasse, 6941, Landenbach, Germany.	Applicator means for pest control agents.
156296	18-6-1979	Dr. Werner Freyberg, Chemische Fabrik Delitia Nachf Bergstrasse, 694 Landenbach, Federal Republic of Germany.	Application apparatus for pest control agents.
150295	30-11-1979	Eastern Carbons, Sneh Milan, Telephone Exchange Road, Dhanbad-826001, Bihar, India.	Improved beehive coke oven.
150303	31-11-1979	Do.	A battery of improved beehive coke ovens.
150489	21-1-1980	Do.	Self generated continuous carbonising furnace.
163528	5-7-1985	Eduard Baltensperger, of Eichstrasse 176, Bruttin, Switzerland.	Acouplable and uncouplable load carrying thrust unit.
157721	20-6-1983	Etablissements Morel Faviere-28170, Chateauxneuf, Thymers, France.	A sleeve for protecting cable splices.
163710	15-5-1986	Etablissements morel AL. Do.	A protecting sleeve and a method for protecting cable splices.
164994	12-3-1986	Do.	A plastic sleeve for protecting splices of electric cables or telephone cables and a method of making said sleeve.

1	2	3	4
151441	19-9-1979	Festo-Maschinenfabrik,	Connecting piece for supply lines carrying gaseous or fluid media.
153195	12-9-1979	Do.	Rotary slide valve.
158296	23-4-1982	Festo-Maschinenfabrik Gottlieb Stoll, Ulmer Strasse 48, 7300 Esslingen, FRG.	A spool valve.
162692	28-8-1984	FIRMA CARL STILL,	Process and apparatus the for production of briquetting material for hot briquetting.
156250	18-10-1982	Fisher controls, Internatonial Inc, 7711, Bónhome, cloyton, Missouri, 63105, USA.	Pneumatic controller for controlling a process variable.
166430	26-11-1986	Franz Welz Internationale, A-5021 Salzburg, Ernest-Thun-Strabe, 8 Australia.	Transportable, refrigerating container.
162741	5-2-1984	Fujikura Ltd., of No. 5-1 kiba, 1-chome, Kohtoh-ku, Tokyo, Japan.	Self bonding enameled wire and hermetic compressor motor using the same.
152071	20-12-1979	Georg Fisher.	Process and device for manufacturing foundry moulds by packing granular materials.
165459	25-8-1986	Halvor Forberg, Hagabakken 2 Hegdal, N-3250 Larvik, Norway.	Machine for mixing particulate materials.
165847	27-6-1986	Halvor Forberg,	A machine for mixing particulate material.
150083	11-7-1978	Hans Ulrich Klingenbrg, 3274 St. Niklaus bei Merzligen, Canton of Berne, Switzerland.	Watchcase.
154469	1-10-1980	Harlacher AG, Garterrestrasse 7, 8902, Urdorf/2H, Switzerland.	Apparatus for coating flat printing screen on one or both sides with or Photosensitive emulsion.
160208	16-4-1984	Heinz kaiser AG, Glattalstrasse 837, 8153, Rumlang, Switzerland.	Boring tool.
160461	8-5-1984	HEINZ KAISER AG.	Tool part in combination with a connecting shaft of machine tool.
157316	23-10-1982	Handrikus Van Berk H. Goverkade 3, 2628 EA Delft, the Netherlands.	Apparatus for sanctioning submerged bottom material.
160537	30-11-1983	HOESCH AG, Eberhatstresse 12, 4600 Dortmund 1, West Germany.	Rail track whose width is adjustable by a predetermined gauge.
161990	7-11-1985	Do.	Under floor wheel set barring machine for retreading of rim circumferences of railroad wheel sets.
162376	2-4-1985	Do.	Centre free large rolling bearing.
162387	16-9-1985	Do.	Track spike with a single or double shaft.
163302	2-3-1985	Do.	Concrete cross tie with recesses.
163768	20-3-1986	HOESCH MASCHINEN FABRIK EUTSCHLAND.	Under floor wheel set turning machine for reprofling wheel tyre contours of railway wheelsets.
158979	15-1-1983	Honda Giken Kogyo Kabushiki Kaisha, No. 27-8, 6-chome, Jingumae, Shibuya-ku, Tokyo, Japan.	Gang head for a replaceable gang head machine tool.
162997	8-4-1985	Hughes Aircraft Co. Centinela & Teale Street, Culver City, State of California, USA.	Thermally actuated safety device for a pressure vessel or pressurize gas generator. Such as a novel motor case.

1	2	3	4
156001	7-6-1985	Hughes Aircraft Co. 7200, Hughes Terrace, P. O. Box 45066, Los Angeles, California, 90045-0066, USA.	A get array chip.
158995	13-12-1982	Imperial chemical Industries Plc. Imperial Chemical House, Millbank, London SW1P 3 JF, England.	Process for the selective separation of at least one phase of a fluid fossil fuel compased of a plurality of phases of different densities.
165432	9-8-1985	Do.	A process for the production of a coated particulate filler.
165377	1-8-1985	Inter-steel Technology Inc. 3041 Shallowood Lane Malthews, North, Curolina 28108, USA.	Method for continuous steelmaking in electric furnaces.
161404	6-2-1985	J. J. BOLLMANN, Fluhgasse 498008, Zurich, Switzerland.	Base support for pole.
160720	31-12-1984	Kabushiki Kaisha Itoh, Seitetsusho, 14-10, Hirai, 5-chome, Edogana-ku, Tokyo, Japan.	Apparatus for soaling steel pieces.
163964	21-6-1985	Kanegptuchi Kagaku Kogyo Kabushiki Kaisha 2-4, Nakanoshima 3-chome, Kita-ku, Osaka- shi, Japan.	Glow-discharge decomposition apparatus.
149859	7-12-1978	Klockner CRA, Patent GmbH, Klocnerstrasse 29, 4100, Duisburg 1, West Germany.	Method of improvement of the heat balance in the refining of steel.
161730	2-8-1985	Komori Corporation, 11-1 Azumabashi, 3- chome sumiou Ku, Tokyo, Japan.	Intaglio printing machine.
152342	21-1-1980	Koninklijke Emballage, Industrie van Leer B.V. Amsterdamseweg 206, Amstetveen, The Netherlands.	A method and tool for producing a bust- ing structure having a polygonal flange.
164048	11-7-1986	Do.	Device for the production of fuse.
165423	11-7-1986	Koninklijke Emballage, Industrie Van Leer B.V. Amsterdamseweg 206, 1182 H2 Amstet- veen, The Netherlands.	Process and device for connecting together by heated tool buktwelding a cylindrical drum body obtained by extrusion and vessel lid.
158983	17-2-1983	Korting Hannover AG, Badenstedter Str. 56, 3000, Hannover 91, West Germany.	Burner for purierized, gaseous and/or liquid fuels.
152370	17-1-1981	KRW Energy Systems Inc. Three Greenway Plaza, Houston, Texas-77046, USA.	A fluidized bed combustion apparatus.
156313	26-11-1982	Do.	A fluidized bed apparatus.
164349	28-11-1986	Kuiken N. V. Randweg 31, 8304 AS Emme- loord, The Netherlands.	Face gear transmission for axes inter- secting or crossing each other.
159619	7-6-1983	L' Air Liquide Societe Anonyme Pour L' Etude Et Exploitation Des Procedes Georges, Claude. 75, Quaid Orsay, 75007, Paris, France.	Improved thermally insulated container.
160331	17-2-1984	Do.	Apparatus in particular a reactor for purifying fluid by adsorption.
160739	25-6-1984	Do	Process and device for vapourizing a liquid by heat exchange with a second fluid and their appliction in an air distillation installation.
161131	31-1-1984	Do	Apparatus for cooling a fluid from about ambient temperature to a low temperature.

1	2	3	4
163968	9-7-1986	Les Entreprises Tritton L 10775, Recette Avenue, Montreal North, Quebec Canada HIG 5H 5.	Improvements in or relating to a seal suitable for locking containers e.g. boxes, trucks zippered containers and the like.
165422	16-7-1986	LES Entreprises Tritton, Ltée. 10,725 Recette Avenue Montreal North, Quebec Canada HIG 5HS.	Shackle type seal.
161344	6-12-1983	Limitorque Corporation, P. O. Box 11318 SH4 Woodall Road, Lynchburg, Virginia, USA.	A valve operator with an improved de-clutch mechanism.
152349	22-5-1980	Lothar Teske, Hegelstr, 15, 5000 Köln 90, West Germany.	Arm-type feeder wheel for unloading solid from a storage bin.
152908	25-2-1980	Do.	A bunker clearance vehicle.
154840	26-4-1982	Do.	Device for discharging a round loose material silo.
157356	26-4-1982	Lothar Teske, Hegelstr. 15, 5000 Köln, 90, Federal Republic of Germany.	Discharging device for a loose material bunker.
153930	2-5-1980	M. AN. Gutehoffnungshütte GmbH. Bahnhofstrasse 66, 4200, Oberhausen, 11, F.R.G.	Rotary machines.
154116	20-6-1981	M.A.N. Maschinenfabrik Augsburg-Nürnberg AG, Bahnhofstrasse 66, 4200, Oberhausen, 11- Federal Republic of Germany.	A compressor especially a single stage or multistage screw compressor with means for regulating the quantity of flow of the compressed medium.
154449	26-11-1981	Maplan Maschinen-Und TECH. etc. A-1010, Wien, Schellinggasse 1, Austria.	Double-worm extrusion press.
161917	7-1-1986	Metallurgical and Engineering Consultants (India) Ltd., Ranchi-834002, Bihar, India.	Blast furnace cast house runner system.
161919	17-2-1986	Do.	Coke oven foul gas offtake system.
162599	5-6-1986	Do.	Improved coke oven door and coke ovens having such improved doors.

CHEM. ENGG. LIST NO. 1

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Chemical Engineering Industry are not being commercially worked in India as admitted by patentees in the statements filed by them under section 146(2) of the Patents Act, 1970 in respect of calendar year 1991 generally on account of want of request for licences to work the patented invention. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a licence for the purpose.

Patent No.	Date of Patent	Name and Address of the Patentee	Title of the invention.
1	2	3	4
164100	2-9-1986	Adolf Wyler- Oldenaller 17, 1081 HJ, Amsterdam, The Netherlands. 2. Herbert J. WAGNER, 25 Redbrook, Great Neck, NY-11024, USA.	Process for producing thermo plastic leather material.
146819	27-1-1978	Ahmedabad Textile Industry Research Association, P. O. Polytechnic- Ahmedabad, 380015- Gujarat, India.	Process of preparation of insolubilized disperse/reactive dyes.
163091	9-3-1983	APACE RESEARCH LTD. 130, Dowling street, Dungog, New South Wales, Australia	Emulsions of liquid hydrocarbons with water and/or alcohols and method of producing the same.
164650	9-3-1983	Do.	An emulsifying preparation for use in forming emulsion of liquid hydrocarbons with water or alcohols.
164990	9-3-1983	Do.	An emulsion of liquid hydrocarbons with water or alcohols.

1	2	3	4
152793	5-6-1980	Asahi Kasei Kogyo Kabushiki kaisha, 2-6, Kojimahama 1-chome, kita-ku, osaka-shi, Japan.	Fluorinated cation exchange membrane and process for preparing the same.
154418	1-12-1980	Do.	Process for preparing novel fluorinated cation exchange membrane.
153146	12-12-1980	Asahi Kasei Kogyo Kabushiki Kaisha, 2-6, Dojimahama, 1-chome, Kita-ku, Osaka-shi, Osaka, Japan.	Separation of rare earth metals.
153451	1-12-1980	Do.	Process for producing fluorinated cation exchange membrane.
154740	11-12-1980	Asahi Kasei Kogyo Kabushiki Kaisha of 2-5 of Dojimahama, 1-chome, kitaka Osaka-shi, Osaka, Japan.	A method for the manufacture of an alkali metal hydroxide chlorine gas and hydrogen gas.
156691	23-12-1981	Asahi Kasei Kogyo Kabushiki Kaisha, 2-6, Dojimahama- 1-chome- Kitaku, Osaka-shi, Osaka, Japan.	A process for the separation of elements by chromatography.
163653	21-2-1985	Do.	A method of producing a human physiologically active polypeptide having tumor necrosis factor.
149600	21-1-1980	Ashok Ranjan Das Gupta, C/o. Eastern 'Sneh-Milan' Telephone Exchange Road, Dhanbad-826001, Bihar.	Process for producing special quality low ash metallurgical coke
153750	20-10-1981	Ashok Ranjan Das Gupta, "Sneh Milan", Telephone Exchange Road, Dhanbad-826001, Bihar- India.	Improvement in a process for the production of special quality low ash metallurgical coke.
(Patent of Addition—149600)			
153648	13-1-1981	Battelle Development corporation, 505 King Avenue, Columbus, Ohio 43201, USA	A method of producing a reaction gas having a low content of nitrogen oxides and sulfur dioxide from the combustion of hydrocarbon in a multisolid fluidized bed having a lower dense fluidized bed.
157117	1-10-1981	Beloit Corporation, Beloit, Wisconsin 53511, USA.	Method of producing a fiber pulp having improved capacity at a high yield from bagasse.
157882	18-3-1982	Berbweksverband GmbH, Franz-Fischer-Weg 61, 4200 Essen 13, West Germany.	Method for the production of H ₂ and containing gases.
153014	6-11-1980	Bethlehem steel corporation, Bethlehem, Pennsylvania 18016, U S A.	A method of producing a metallic coated ferrous base product.
153015	6-11-1980	Do.	A method of producing a thermally treated metallic coated ferrous base product.
154256	15-12-1980	Bethlehem steel copn., Bethlehem, pennsylvania 18016, USA.	A process for making a ductile composite metal product.
160994	14-6-1983	BETHLEHEM STEEL CORPORATION, of Bethlehem, Pennsylvania, 18016, USA.	A method for producing a metallic coating metallurgically bonded to a ferrous base
165453	17-4-1986	Biotech Australia Pty, Ltd., of 28 Burcod, Street, Roseville, New South Wales, 2069, Australia.	A process for the preparation of new polypeptides by biosynthesis.
165830	27-11-1987	Do.	Process for the preparation of recombinant DNA molecule.

1	2	3	4
162228	24-8-1984	BRITISH GAS CORP. of Riven mill House 152, Grosvenor Rd, London, SWIV, 3JV, England.	A process for the production of methane- containing gas.
163229	28-3-1985	CENTRAL DIERGENEES KUNDIG INS- TITUTE OF Ddelhertweg 15, 8219 PH, LELYSTAD, The Netherlands.	A process for preparing mare's disease virus clone suitable for use in a vaccine.
150163	28-9-1978	Chemic Linz AG. St. Peter-Stra Be 25, A- 4201, Linz, Austria.	Process for the preparation, of anhydrous aluminium fluoride.
155028	10-10-1980	Chemie Linz AG. St. Peter-Strasse 25, 4020, Linz, Austria.	A raw meal composition for use in pro- duction of cement and sulphuric acid and a process for preparing said composition.
160950	27-3-1984	Do.	Process for the preparation of an isocyanic acid/ammonia gas mixture having a low cyanuric acid content, and an apparatus for carrying out the process..
162879	10-12-1984	Chemte Linz AG. now, Chemte Holding, Aktengesellschaft, St. Peter-Stra Be 25 A- 4021, Linz, Austria.	Process for the preparation of glyoxals and alkylglyoxals.
165226	14-4-1986	Chugai Denki Kogyo Kabush of 17/12, Niho- nbachi Kayabacho 2-chome chuo-ku, Tokyo- Japan.	Method of preparing internal oxidized Ag-Sno alloy based electrical contact material.
159600	21-3-1984	Chuo kagaku Co. Ltd., 5-1, 3-chome, Miyaji Kounosu, Shi, Saitama-ken, Japan.	A process for producing a resin toam by aqueous medium.
155696	31-8-1981	CIBA-GEIGY AG. Klybeckstrasse, 141-4002, Basle, Switzerland.	Process for bleaching the textiles or removing stains from textiles.)
157590	4-3-1982	Do.	An electrochemical process for the pre- paration of benzathrone.
161674	28-11-1983	Do.	Process for the preparation of bromoan- thraquinones.
149540	26-3-1979	CPC, International Inc., International Plaza- Englewood Cliffs, New Jersey- 07632- USA.	A process for producing an immobilized glucose isomerase.
152657	30-6-1980	DR. C. OTTO & COMP. Christstrasse 9, 4630, Bochum, West Germany.	A method of manufacture of coke.
155388	12-2-1981	Do.	A process for preparing quenched coke from hot coke and for simultaneously producing water gas by using sensible heat of hot gas.
153981	15-2-1983	Dr. C. OTTO & COMP. GmbH, Chrstrasse 9, 4630, Bochum, West Germany.	A method of obtaining an optimum yield of gas of optimal quality by gasification of high ash-content bituminous fuels in a gasifier.
156377	16-4-1981	Dr. Rollan Swanson, C/o, Chemroll Enter- prises Inc. 100, Wall Street, New York, N.Y. 10005, USA.	Process for conversion of wood, peat or coal to hydrocarbon and other values.
157458	7-9-1981	Energy, Conversion Devices, Inc. 1675, West Maple Road, Troy, Michigan 48084, USA.	A method for making an improved photo- responsive amorphous silicon based alloy.
157494	7-9-1981	Do.	A method of making an improved photo- responsive silicon based alloy.
157589	7-9-1981	Do.	Process for producing optimized photo- responsive amorphous semiconductor for devices.

1	2	3		4
165949	24-2-1984	Fagelhard Corporation, Menla Park, CN 28 Edison, New Jersey 08818, USA.		A method for making a fluid catalytic cracking catalyst for cracking petroleum feedstocks.
147255	5-10-1977	FMC Corporation, 2000 Market Street, Philadelphia, Pennsylvania, 19103, USA.		A process for obtaining hydrogen sulfide free steam from geothermal steam or industrial gas streams containing hydrogen sulfide and water vapour.
164161	9-7-1985	Hans A Scheaffon of 14, Paliant Avenue, New Jersey 07036, USA.		A process for preparing a dental composition useful in combattina gum disease.
148409	7-4-1978	Hoechst AG. 6230 Frankfurt/Main 80, West Germany.		Process for the preparation of abrasion resistant non-dusting and water-soluble dyes-stuff particles in a fluidized bed.
150967	17-3-1979	Hoechst Ag.	Do.	Process for the preparation of red phosphorus stabilized against oxidation.
151785	12-6-1979		Do.	An improved process for continuous diobotization of amine.
152725	12-10-1979		Do.	Continuous production of azo pigments.
153496	3-11-1980		Do.	Process for the manufacture of stabilized, pulverulent red phosphorus.
154589	28-4-1980		Do.	Process for the production of liquid chlorine.
156063	8-12-1982		Do.	Process for making 1, 2-dichloroethane.
156933	20-11-1982		Do.	Process for making 1, 2-dichloroethane.
157123	14-6-1982		Do.	A process for the preparation of polymerization catalyst.
157124	14-6-1982		Do.	A process for the preparation of a polymerization catalyst.
159104	10-1-1983		Do.	Process for making 1, 2-dichloroethane.
159188	5-4-1983	Imperial Chemical Industries Plc. Imperial Chemical House, Mill Bank, London SW1P, England.		Process for the production of ammonia.
159347	6-6-1983		Do.	A process for the manufacture of coloured intagliated article.
161290	20-3-1984	ICI Plc.,	Do.	A two stage process and apparatus for producing hydrogenenriched gas.
161489	8-4-1985	ICI Plc.	Do.	Process and apparatus for producing ammonia.
163106	22-2-1985	ICI Plc.	Do.	A process for producing ammonia synthesis gas.
151284	24-2-1981	Indian Aluminium Company Ltd., 1 Middleton Street, Calcutta-700071.		Process for the production of low soda alumina hydroxate and calcined alumina.
164735	1-12-1986	Industri Kontakt Ing. O. Ell, Kleiva 20, N-6900, Floro, Norway.		A process for recovery of oil.
154108	21-3-1981	I.S.C. Smelting Ltd., 6 St. James's Square, London SW1Y, 4LD, England.		Method of manufacturing zinc, with improved step of charging zinc smelting blast furnaces.
156789	4-3-1983	ISC.	DS.	Roasting of mixed sulphide ores or concentrates.

1	2	3	4
156860	22-6-1982	Kanegafuchi Kagaku Kogyo Kabushiki Kaisha 2, 4, 3-chome, Makanoshima, Kita-ku, Osaka, Japan	An improved method for production of vinyl chloride resin.
155786	6-4-1981	L'Air Liquide, Societe, Anonyme Pour L'Etude Et L'Exploitation Des, Procèdes Georges claudes, 75, Quai orsay-75007, Paris, France.	Improvements in or relating to processes of and apparatus for the production of ammonia synthesis gas.
153197	27-18-1979	Lazio Paszner 3906, West 33rd Avenue, Vancouver, British Columbia, Canada.	Pulping of lignocellulose with aqueous methanol/catalyst mixtures.
163166	30-3-1985	Lipha Lyonnaise Ltd. Pharmaceutique.	A process for preparing derivatives of hydroxy-4-2H-1-Benzothlopyran-2-one.
164740	4-2-1988	Lucky Ltd., 20, Yoido-Dong Yongdungpo-Gu, Seoul 150, Republic of Korea.	A process for the preparation of pyrethroid type ester compound.
159054	25-6-1983	Man Gutehoffnungs Huette AG, Bahnhof Strasse 66, 4200 oberhausen 11, West Germany.	A method for the production of synthesis gas and a reactor for carrying out of method.
150497	8-11-1978	Monsanto Co., 800 North hindbergh Boulevard St. Louis, Missouri-63166, U.S.A.	A process for preparing thermoplastic compositions.
150804	4-1-1979	Do.	Process for making an amide of formic acid.
156268	4-1-1979	Do.	Process for preparing nitrodiarylamine.
155993	8-6-1982	Monsanto Company, 800 North Lingbergh, Boulevard, St. Louis, Missouri, 63177, USA.	Improvements in a process for the production of cyclohexylamine.
156863	19-10-1982	Do.	A process for inhibiting premature vulcanization of a vulcanizable rubber composition.
159092	22-8-1983	Do.	Process for the preparation of thermoplastic elastomers.
159531	17-1-1983	Do.	Process for producing paraphenylenediamine mixtures.
155164	23-2-1981	Nippon Kokan Kabushiki, 1-2, 1-chome, Marunouchi, Chiyoda-ku, Tokyo, Japan.	A method for manufacturing of composite sinter of silicon, nitride/boron nitride.
152086	12-5-1981	NIPPON ZEON CO. LTD., of 6-1, 2-chome, Marunouchi, Chiyoda-ku, Tokyo, Japan.	Improved process for separating conjugated diolefin hydrocarbons from a hydrocarbon mixture.
153409	5-12-1980	Do.	Method for inhibiting polymerization of a conjugated dienes in a process for separating conjugated dienes from a hydrocarbon mixture.
155678	9-12-1980	Nippon Zeon Co. Ltd., Do.	Process for extracting distillation.
157555	7-10-1982	Do.	A process for producing a reactor for preparing vinyl chloride polymer.
165281	1-1-1986	Nissan Chemical Industries Ltd., 7-1 Kandanishikicho 3-chome, Chiyodaku, Tokyo, Japan.	Process for preparing pyrazole sulfonamide derivative.
165467	16-2-1987	Nissan Chemical Industries Ltd.,	A process for preparing pyridazinone derivative.
145617	22-8-1977	Outokumpu OY, Toolonkatu SF-00100. Helsinki, Finland.	A hydrometallurgical process for the recovery of zinc, copper and cadmium from their ferrites.

1	2	3	4
147866	26-9-1977	OUTOKUMPU. OY Toolonkatu 4, SF-00100 Helsinki 10, Finland.	A hydrometallurgical process for the recovery of valuable metal content from the soluble silicate bearing materials.
155869	25-9-1981	Outokumpu OY, SF-83500, Outokumpu, Finland.	A process for the recovery of lead, silver and gold from the iron-bearing residue of an electrolytic zinc process.
157144	1-7-1983	Do.	Procedure for roasting seleniferous material.
165429	14-8-1986	Pka Pyrolyse Kraftanlagen of D-7030, Aalen, West Germany.	A process and plant for the recovery of S ₂ utilisable gas from garbage by means of pyrolysis.
161336	8-12-1983	Polysar Limited, Sarnia, Ontario, Canada.	A process for preparing a vulcanized polymer composition.
162664	8-12-1984	Povillart Roger Victor, Avenue De La, Reforme 32 Brussels, 1080, Belgium.	Process and installation for production of concentrated solution of ammonium nitrate.
162160	6-12-1985	Rijk-universiteit, Utrecht, Kromme Nieuwe Gracht 29, 3512 HD, Utrecht, The Netherlands.	A method for neutralizing waste sulfuric acid by adding a silicate.
156896	7-6-1982	Santanu Roy, 13, Nanda Kumar Chowdhury Lane, Calcutta-700006, India.	A process for the manufacture of bitumen polymeric elastomers.
161332	10-12-1984	Santanu Roy. Do.	An improved ignitable composition of matter and process for preparing to same.
151254	28-12-1978	Sasol One (Proprietary Ltd., Klaisie Havenga Road, Sasolburg Orange free state Republic of South Africa.	Process for coal liquefaction.
154169	13-8-1981	scott Bader Co. Ltd., Willaston, Wellingborough, Northamptonshire, NN9 7RL, England.	Anti-fouling coating compositions.
154530	1-4-1981	Shell Internationale Research Maatschappij B.V. Carel Van Bylandt. laan 30, The Hague, The Netherlands.	A process for the synthesis of middle distillates of petroleum.
155483	14-10-1981	Shell Internationale Research Maatschappij B.V. Carel Van Bylandt. laan 30, The Hague, The Netherlands.	A process for preparation of oxygen-containing organic compounds and paraffinic hydrocarbons.
155301	3-11-1981	Do.	Removal of hydrogen sulphide and carbonyl sulfide from gaseous mixtures.
155631	24-5-1982	Do.	Process for the removal of H ₂ S from a sour gaseous stream.
156108	3-5-1982	Do.	Process for the removal of H ₂ O and CO ₂ from gaseous streams optionally comprising hydrocarbons.
156182	2-1-1982	Do.	A process and apparatus for the preparation of cooled and purified gas from a hot gas.
156408	14-6-1982	Do.	Process for the removal of CO ₂ and if present H ₂ S from a gas mixture.
158626	11-5-1982	Do.	Process for the removal of CO ₂ , H ₂ S and COS from gaseous streams.
156920	24-5-1982	Do.	Sulphur recovery process.

1	2	3	4
157514	14-6-1982	Shell Internationale Research Maatschappij B.V. Carel van Bylandt Laan 30, The Hague, The Netherlands.	Process for the removal of H_2S and CO_2 from a gas mixture.
158141	9-2-1983	Do.	A process for the separation of a liquid mixture by extraction.
158380	5-11-1983	Do.	Process for the preparation of a Fischer-tropsch catalyst and use of this catalyst in the preparation of hydrocarbons.
158700	19-7-1983	Do.	Process for the preparation of hydrocarbons.
152503	8-2-1980	Sid Richardson, Carbon & Gasoline Co., Fort Worth National Bank Bldg., Fort Worth, Texas 76102, USA.	An improved carbon black producing apparatus and method.
153577	19-12-1980	Do.	Improved process of producing carbon black of carcass grade.
152686	25-3-1981	SKW TROSTBERG AG, Aktiengesellschaft, Dr. Albert Frank Strasse, 32D-8223, Trostberg, West Germany.	Process for the production of guanidine nitrite from a mixture of urea and ammonium nitrite and apparatus for its performance.
159723	4-10-1983	SKW Trostberg AG, Dr. Albert-Frank-Strasse, 32, D-8223 Trostberg, Federal Republic of Germany.	Nitrogen fertilizer with a content nitrification inhibitor.
164997	11-4-1986	SKW TROSTBERG AG, Dr. Albert Frank Strasse 32, D-8223 Trostberg, West Germany.	A process for preparing a composition for prolonging the dormancy of plants or plant parts.
164998	28-4-1986	Do.	Process for the removal of caffeine from tea.
152524	4-6-1980	Stamicarbon B.V. P.O. BOX 10, Geleen, The Netherlands.	Process for the preparation of filaments of high modulus and tensile strength.
152912	9-5-1980	Do.	Process for treating urea containing wastewater for recovering NH_3 and CO_2 therefrom and utilising said process in the process for preparing melamine.
154019	26-4-1980	Stamicarbon B.V. Do.	Thermosetting powder based on a unsaturated polyester resin and process for preparing the same.
154475	22-7-1981	Stamicarbon B.V. P. O. Box 10, 6160 MC Geleen, The Netherlands.	Process for the preparation of copolymers of ethylene with at least one other 1-alkene.
154476	22-2-1981	Do.	Process for the preparation of copolymers of ethylene with at least one other 1-alkene.
154655	26-3-1981	Do.	Production of polyamide based objects and objects so produced.
154656	26-3-1981	Do.	Preparation of polytetramethylene adipamide.
154657	26-3-1981	Do.	Preparation of high molecular polytetramethylene adipamide.
154820	2-5-1981	Do.	Process for the preparation of a supported chromium oxide type catalyst for the polymerization of olefins.

1	2	3	4
156790	23-4-1981	Stamcarbon B.V.P.O. Box 10, 6160 MC Geleen, the Netherlands	Process for preparing cyclohexanol and cyclohexanone.
158001	28-6-1982	Do.	Process and device for the preparation of polymer melts which are substantially free of volatile components.
158211	3-3-1983	Do.	An improved process for preparing melamine.
158343	16-10-1982	Do.	Process for the production of polymer filaments having high tensile strength and modulus.
150090	8-3-1979	The Lubrizol Corporation 29400 Lakel and Blvd., Wickliffe, Ohio-44092, USA.	Process for preparing an additive compositions.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration of the design included in the entry.

- Class 1.** No. 164436. Pradeep Digambar Sawant of 1-A/18, Geetanjali, Siddharth Nagar Divn. 4, S. V. Road, Goregaon (West), Bombay-400062, Maharashtra, India. "Video/Audio Cassettes Stand". June 3, 1992.
- Class 1.** No. 164505. S. A. Ancienne Fabrique Georges Piaget Et Cie, Swiss Company of CH-2117 LA Contaux-Fees, Switzerland. "Wristwatch". July 1, 1992.
- Class 3.** No. 164410. Real Value Appliances Pvt. Ltd. of 801/802, Tulsiani Chambers, Nariman Point, Bombay-400021, Maharashtra, India. "Ejector". May 25, 1992.
- Class 3.** No. 164430. Colgate-Palmolive Company of 300 Park Avenue, New York, New York 10022, U.S.A. "Container". June 3, 1992.
- Class 3.** No. 164435. Pradeep Digambar Sawant, Indian of 1-A/18, Geetanjali, Siddharth Nagar Divn. 4, S.V. Road, Goregaon (W), Bomba-400062, Maharashtra, India. "Video/Audio Cassettes Stand". June 3, 1992.
- Class 3.** No. 164470. Eagle Flask Industries Ltd., Indian Company, of Talegaon-410507, Dist. : Pune, Maharashtra, India. "Flask". June 22, 1992.
- Class 3.** No. 164471. Eagle Flask Industries Ltd., Indian Company, of Talegaon-410507, Distt. : Pune, Maharashtra, India. "Casserole". June 22, 1992.
- Class 3.** No. 164817. Bhurji International of 9/56, Kirti Nagar, Industrial Area, New Delhi-110015, India, Registered Partnership Firm. "Cooler Grill". September 24, 1992.
- Class 3.** No. 164886. Choonattu Joseph Joseph, trading as Raisy Chem (India), Near Blind School, Ramesh Nagar, Marathalli, Bangalore-560037, Karnataka, India. "Container". October 13, 1992.
- Class 3.** No. 165006. Pollen Colours & Pigments of 309, Bipin Behari Ganguly Street, Calcutta-700012, W.B., India, Indian Partnership Firm. "Bottle". November 18, 1992.
- Class 3.** No. 164768. Rukmini Bharat Parkesh of B-8, Nandita, 93, Linking Road, Santacruz (W), Bombay-400054, Maharashtra, India, Indian. "Data Index Stand". September 7, 1992.
- Class 3.** No. 164799. Geoffrey Manners & Co. Ltd. of Magnet House, Narottam Morarjee Marg, Bombay-400038, Maharashtra, India. "Tooth Brush". September 18, 1992.
- Class 3.** No. 164906. Anand Medicaids Pvt. Ltd. of 4, DLF Industrial Area, Moti Nagar, New Delhi-110015, India, Indian Company. "Suction bottle for medical use". October 20, 1992.
- Class 4.** No. 164449. Sohan Singh Attawala & Son, Indian Partnership Firm of Karmon Deori, Amritsar, Punjab, India and also 7-A/7-B, Veena Building, Jawahar Nagar, Delhi-110007, India. "Bottle". June 8, 1992.
- Class 4.** 164450 & 164451. Sohan Singh Attawala & Son, Indian Partnership Firm of Karmon Deori, Amritsar, Punjab India and also 7-A/7-B, Veena Building, Jawahar Nagar, Delhi-110007, India. "Bottle". June 8, 1992.
- Class 13.** Nos. 164487 & 164488. Mrs. Neeru Kumar, Indian of E-9/10, Vasant Vihar, New Delhi-110057, India. "Woven bed cover or sheets". June 25, 1992.

Copyright extended for the 2nd period of five years.

- Nos. 164503, 164541 .. Class 1.
 Nos. 164502, 164540, 158935 to 158937. .. Class 3.
 Nos. 164504 & 164542 .. Class 4.

Copyright extended for the 3rd period of five years.

- Nos. 164503 & 164541 .. Class 1.
 Nos. 164502, 164540, 152119, 158935 to 158937 .. Class 3.
 Nos. 164504 & 164542 .. Class 4.

R. A. ACHARYA
 Controller General of Patents, Designs
 and Trade Marks

